

THE KANSAS INDUSTRIALIST

Volume 56

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Number 17

FARM HOME PROGRAM BRINGS MANY VISITORS

HOMEMAKERS AND POULTRYMEN HERE TODAY

Master Farm Women Given Recognition at Evening Program—They're Busy Individuals as They Follow Their Daily Schedules

With generally favorable weather and road conditions to enhance attendance at Farm and Home week programs, the annual event opened yesterday with several hundred farm people present for poultry meetings scheduled for the day. A dinner in honor of the five new master homemakers was held in Thompson hall at 6 o'clock and the five honored further at a public recognition ceremony in the auditorium at 7:30 o'clock.

The five 1929 master homemakers are Mrs. P. H. Beebe, Lenexa; Mrs. H. L. Brownlee, Sylvia; Mrs. Harlan Deaver, Sabetha; Mrs. E. M. Perkins, Richmond; and Mrs. W. E. Simon, Girard.

AFTER ATTENDANCE CUP

Attendance of out of town persons was estimated at 500 for the day. It appeared that Montgomery county would make a strong bid to retain the attendance trophy won last year. Thirty-eight women and eight men from Montgomery county drove into Manhattan Monday night, a delegation large enough to win the attendance cup unless some other county makes a surprise move and brings an unexpectedly large attendance.

The master homemakers were presented at the evening assembly by Miss Lucille W. Reynolds, representing the Farmer's Wife, national farm woman's magazine which cooperates with the Kansas State Agricultural college in choosing the homemakers.

Mrs. Beebe has proved that a city girl who had never seen a cow milked nor made a garden until she married and moved to the country can nevertheless become a master farm homemaker, and on a dairy farm, at that. She married a Kansas City boy who had a small place. They have moved several times since then, always to a larger farm, until now they have 160 acres. For 20 years Mrs. Beebe has been active in the grange, she helped get a nine-months' term for her rural school and helped organize the farm bureau in her community.

Mrs. Brownlee lives on a 1,200 acre wheat and livestock farm, but she and her husband started out very humbly on a Meade county homestead, with only \$500. A neighbor describes her as "a woman who works hard but finds time for the beautiful things in life, and a mother whose Christian character is reflected in her children." She has been on the school board for six years, teaches a Sunday school class of 35 women, has held every office in her home demonstration club, and is president of the Y. W. C. A.

ACCOMPLISHED IN MUSIC

Mrs. Deaver lives in a modern, well equipped home on an attractively landscaped farmstead. She is a graduate of three music schools, was supervisor of music in public schools for five years, and now contributes her musical talent to church and community. She also teaches a Sunday school class of 32 young married women. Mrs. Deaver wants most for her children "strong bodies and strong Christian characters."

Mrs. Perkins taught school for 10 years before her marriage. Two of her four children have gone to college and she plans that the others shall. She has been president of a local women's club, vice-president and project leader in the farm bureau, and secretary-treasurer of the Red Cross.

Mrs. Simon was chairman of the organization committee of women's work in the county farm bureau and is now a township officer. She has taught a Sunday school class of high school boys and girls for seven years and is active in the women's study club.

The homemakers' husbands also

are active in public work and cooperate with their county agricultural agents. Two are members of their county farm bureaus, one is on the board of education of the rural high school, and all work with their county agricultural agents.

PLENTY OF READING

The women all subscribe for several magazines. Family reading is not limited at all to just farm magazines as the following list of magazines taken in the home shows: Ladies' Home Journal, Better Homes and Gardens, National Geographic, American, Saturday Evening Post, Good Housekeeping, Delineator, Century, Literary Digest, American Mercury, and Cosmopolitan. Farm magazines which most of them read are Country Gentlemen, Hoard's Dairyman, Kansas Farmer, farm bureau papers, Successful Farming, and Farmer's Wife.

The master homemakers have busy regular schedules for their household duties each day. A typical daily plan of work is as follows: cook breakfast, feed chickens, wash dishes, sweep kitchen, make beds, place house in order, perhaps iron, hoe some in garden or flower garden, cook dinner, wash dishes, rest, sew or mend, cook supper, wash dishes, feed chickens, gather eggs. Each of the five master homemakers is interested in poultry production and cares for her own flock of chickens.

THIS IS ANOTHER POOR YEAR FOR SEED CORN

Unfavorable Season Last Year Lowered
Vitality of Crop—State Laboratory
Will Test Farmers' Seed

A poor germination of seed corn planted in Kansas this spring is to be expected, according to Prof. J. W. Zahnley, director of the seed laboratory maintained at the college by the Kansas state board of agriculture. The low germination is indicated by many tests already made in the laboratory. More than 200 samples from 12 counties in the eastern half of the state show an average germination of only 82 per cent, the lowest in nine years.

Unfavorable growing weather last summer, coupled with heavy freezes in November following damp weather, injured the vitality of seed corn in many parts of the state, Zahnley stated. Seed corn should germinate 90 per cent or higher, he said, and 95 per cent or higher to be considered good. Nearly three-fourths of the samples were below 95 per cent, and a half below 90 per cent.

In one county that had unusually rainy weather in the fall and poor drying conditions, the average germination was only 60 per cent. Zahnley advises the testing of all seed this year before planting. Samples sent to the state seed laboratory at Manhattan will be tested promptly and without charge. Samples should consist of at least 400 kernels which represent a fair average of the lot to be tested.

GAINEY IS LEADING SPEAKER OF OHIO FARM-HOME WEEK

'Putting Soil Bacteria to Work.' His Topic

Dr. P. L. Gainey, of the college department of bacteriology, is a speaker this week on the program of the annual Farm and Home week of Ohio State university. Doctor Gainey's subject is "Putting the Soil Bacteria to Work."

Each year Ohio State's department of soils invites an outside speaker of national reputation. Doctor Gainey was chosen this year because of the recent recognition given his research work in soil nitrogen by the American society of agronomy, which made him a participant in the \$5,000 nitrate of soda educational fund.

Big Six Standings

	W.	L.	Pts.	O. P.	Pct.
Missouri U.	4	129	86	1,000	
Kansas U.	2	0	71	38	1,000
Nebraska U.	2	0	172	154	.600
Kansas Aggies ..	2	3	151	177	.400
Iowa State	2	3	133	154	.400
Oklahoma U.	0	5	118	164	.000

CHILD TRAINING AIDS IN NURSERY BULLETIN

DOCTOR FORD DISCUSSES METHODS
FOUND SUCCESSFUL AT K. S. A. C.

College's School for Children from Two to Five Years Old Furnishes Many Valuable Suggestions for Use in Home

"Applying Nursery School Methods of Child Training in the Home" is the new bulletin, No. 2, now being distributed by the division of home economics. The bulletin, written by Dr. Helen W. Ford, head of the department of child welfare and eugenics at K. S. A. C., is perhaps unusual in that its very definite and practical information is based upon methods now being used in nursery schools.

That the nursery school serves as a practical laboratory for child training and has certain advantages for the child from 2 to 5 years old is stressed by Doctor Ford in the introduction.

"An environment is provided that is distinctly the child's," she says. "The equipment, furnishings, and schedule are planned especially to meet his needs. One of the most important benefits that a child derives from a nursery school is that which comes from playing with children his own age. The even give and take and the discipline administered to each other by children of the same age are most important for them."

DEALS WITH COMMON PROBLEMS

"Nursery schools . . . have had an excellent chance to try out various recommended methods of dealing with specific problems of child training and to find out which ones generally work best and which do not work so well. Since the home meets almost the same difficulties the nursery school does, it has seemed worth while telling directly just what these methods are that have been found by the nursery school to be most successful, and that can equally well be applied in the home in solving a few common and important problems of child training."

Among these common problems are discussed the question of discipline, the only worthwhile discipline being that which teaches a child to discipline himself, and the matter of guiding a child so that punishment will seldom be necessary. According to Doctor Ford frequent punishment often means that many factors of environment and daily routine that could be improved are wrong. Specific ways of keeping a child happy and profitably employed are discussed.

SILHOUETTES ADD INTEREST

Other problems considered are those of teaching a child to overcome undesirable habits, to respect property, to eat when he should, to learn consideration of others and cooperation, and to develop perseverance and self-reliance.

Interest is added to the bulletin by the lively silhouette drawings by Vida Harris, instructor in the department of art.

The bulletin is being distributed by the division of home economics, K. S. A. C.

KANSAS WILDCAT MARCH READY FOR PRESS SOON

Sousa Keeps Promise to Dedicate Composition to K. S. A. C.

K. S. A. C. will soon have a new march, written by John Philip Sousa, world-famous band director and composer. Last spring, while on a tour of the country, Sousa's band played at the college, and he was presented with a petition signed by several hundred students and faculty members, asking that he write a march for the college.

Recently Prof. William Lindquist, head of the music department, received from Sousa a letter asking for a copy of the college seal. As soon as the seal is received "The Kansas Wildcat March" will be ready to go to press. Sousa previously had written a "Cornhusker March" for the University of Nebraska.

Paterson Judges 'Royal'

A. M. Paterson, '13, assistant secretary of the American Royal, was the judge for the Little American Royal on February 6 in the judging pavilion. He will be assisted in the horse division by Thomas Greer, college groom; on cattle by A. C. Allen, college herdsman; on sheep, by Thomas Deane, shepherd; and in the hog division by W. W. Boles, swine herdsman.

YEARBOOK ANNOUNCES BEAUTY CONTESTANTS

Thirty-three Kansas Aggie Co-eds Entered in Competition for 1930 Queen

Thirty-three K. S. A. C. women recently were announced as entrants in the beauty contest of the 1930 Royal Purple. Six will be picked for the beauty section of the annual. Entrants are as follows:

Alpha Delta Pi—Norma Koons, Sharon Springs; Virgilene Haines, Augusta; Melba Doyle, Eskridge; Clare Wilson, Onaga. Alpha Theta Chi—Inez Hill, Topeka. Alpha Xi Delta—Jo Merryman, Topeka; Juanita Walker, Valley Falls; Johnnie Moore, Minneola.

Beta Phi Alpha—Frances Larson, Smolan; Elizabeth Smerchek, Cleburne; Lillie Olson, Manhattan; Isabelle Kaine, Wamego. Chi Omega—Eleanor Laughhead, Dodge City; Frances Ellsworth, Formoso; Ruth O'Donovan, Topeka. Delta Delta Delta—Mildred Osborn, Clifton; Olive Morgan, Manhattan; Fern Gaston, Wakefield; Lois Anderson, Byers.

Delta Zeta—Saloma Davis, Carthage, Mo. Kappa Delta—Eldana Stewart, Eskridge; Ruth (Sally) Smith, Winfield. Kappa Kappa Gamma—Margaret Chaney, Manhattan; Sybil Parks, Parsons; Helen Durham, Manhattan.

Phi Omega Pi—Ruby Nelson, Jamestown; Naomi Cook, Linn. Pi Beta Phi—Edith Bockenstette, Sabetha; Kathryn Gillihan, Gallatin, Mo.; Miriam Clammer, Manhattan. Van Zile Hall—Mabel Ruthi, Bloomington; Eva Filson, Scott City; Vivian Abell, Riley.

PHILADELPHIA ARCHITECTS SEND EXHIBITS TO K. S. A. C.

Traveling Show Will Be Here Until February 19

An exhibition of architectural drawings, photographs, and other illustrations assembled by the Philadelphia chapter of the American Institute of Architects is now on display in the department of architecture galleries, third floor of the engineering building.

This traveling exhibition is being sponsored by the American federation of arts, Washington, D. C.

The exhibit has been a source of inspiration and information to architects and the interested public in various sections of the United States. Philadelphia architects are famous for their residential designs which are usually of the colonial or English types of architecture. Most of their residences, college dormitories, etc., are constructed of native stone.

The exhibition is shown here in connection with the meeting of the Kansas chapter of the American Institute of Architects to be held February 15. It will be shown until February 19.

No Speeches

A "no speeches" program is in store for Kansas Aggies attending the annual Farm and Home week alumni luncheon at the college cafeteria Thursday noon, February 6.

Ralph Snyder, '90, president of the K. S. A. C. alumni association, will be present and may give the floor to any alumnus who has a funny story to enliven the occasion. The program planned promises a good time in visiting and Aggie fellowship.

COLLEGE RADIO NIGHT A 'VALENTINE' PARTY

FEBRUARY 14 PICKED FOR SPECIAL
YEARLY PROGRAM

Broadcast of Basketball Game With Missouri University to be Followed by Speeches and Special Music

Kansas Aggie radio night will be celebrated at K. S. A. C. and by hundreds of alumni in their homes or at radio parties the night of Friday, February 14. The college station, KSAC, will be on the air from 7:30 to 10 o'clock.

By joining with St. Valentine for this year's festivities Aggie alumni are selecting a time of particular historical interest to friends of K. S. A. C. February contains three red letter days in K. S. A. C. history:

The college was established under authorization of an act of congress approved by Abraham Lincoln July 2, 1862, the provisions of which were accepted by the state of Kansas February 3, 1863.

COLLEGE LOCATED IN FEBRUARY

The college was located at Manhattan February 16, 1863, partly in order to receive as a gift the land, building, library, and equipment of Bluemont Central college, an institution chartered by a group of pioneers February 9, 1858. The Bluemont college building was erected in 1859.

The feature of the first half of the program will be the broadcast of the Missouri university-Kansas Aggie basketball game from Nichols gymnasium. The game will be broadcast play by play by Professor H. W. Davis, head of the department of English, and Fred Seaton, Manhattan.

Every thrill of the game will be put on the air, including the cheering of the Aggie student section led by Milton F. Allison, Great Bend. The cheering music of Wildcat Victory, Alma Mater, and other pep pieces played by the K. S. A. C. band, will be transmitted to the alumni listeners.

PROGRAM FROM STUDIO

Following the game the program will continue from the station studio with greetings from President F. D. Farrell. Dean J. T. Willard, vice-president of K. S. A. C., will give a short address entitled, "Fifty Years at K. S. A. C."

Others who will address the K-Aggie audience are "Mike" Ahearn, director of athletics; A. N. (Bo) McMillin, head football coach; Charles Corsaut, coach of basketball; Clem D. Richardson, Hugoton, captain of the basketball team; Alex Nigro, Kansas City, Mo., leader of the 1930 football team; Mary Pierce Van Zile, dean of women, and Ralph Snyder, president of the K. S. A. C. alumni association.

Music will be furnished by the Zapata Philippine Troubadors, a harmony band of foreign students enrolled at K. S. A. C. Numbers by members and students in the K. S. A. C. department of music also will be included in the broadcast.

ALUMNI DONORS OF MEDALS FOR LITTLE AMERICAN ROYAL

'Big Royal' Association Gives Grand Championship Trophy

Alumni of K. S. A. C. are donors of the medals to be awarded first prize showmen at the Little American Royal on February 6. R. L. Scholtz, '25, of Frankfort, now a breeder of Hampshire sheep, is presenting the medal for the sheep division. Earl Means, '22, a breeder of Duroc hogs in Atchison county, is offering the one for swine. The trophy for cattle is donated by Merton Otto, '21, of Riley, a Shorthorn breeder. The medal for the horse division is offered by Dr. C. W. McCampbell, '06, head of the animal husbandry department.

The American Royal Livestock show is the donor of the grand championship trophy.

A farm forestry plan pays.

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F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

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WEDNESDAY, FEBRUARY 5, 1930

HALOS FOR MERGERS

This country has traveled a long way since the days, scarcely two decades gone, when Rooseveltian teeth flashed as their presidential proprietor thundered up and down the land denouncing "infamous combinations" and "malefactors of great wealth."

Today mergers and combinations bask in the smile of administration favor and less than a month ago the interstate commerce commission officially recommended the unification of 22 railroad systems, among them that of the Great Northern and Northern Pacific roads, which, under the name of the Northern Securities company, was dissolved at great governmental expense during the sway of Theodore Roosevelt.

A recent book, "Millions in Mergers," by H. A. Toulmin, Jr., a lawyer, sets forth the technique involved in forming mergers, together with an analysis of the fundamental principles governing their success or failure.

The author's conclusion, supported by a wealth of graphs and statistical and historical data, is that to be successful a merger must afford opportunity for a higher order of managerial ability; it must reduce costs, conduct exhaustive research, pool and strengthen resources, promote inventions, and, in short, contribute a greater public service.

To insure success, sound economics must underlie mergers. Combinations formed for the purpose of reaping monopolistic profits and with little else in view, no longer prove successful. Some, so conceived, have run afoul of public disfavor and the anti-trust laws, following which they have reformed, with the result, as the author shows, that everything is now lovely for everyone—including the stockholders.

MUSIC

The department of music at the college gave the students and citizens of the community an unusually fine but deplorably rare treat Sunday afternoon, February 2, in presenting Richard Jesson, organist, in recital at the First Methodist Episcopal church. The large crowd attended with warm welcome an hour of music of satisfying worth and easily recalled charm.

In his first public appearance as organ recitalist in Manhattan, Mr. Jesson proved himself to be not only the master of a difficult instrument but also a musician of intelligence and emotional understanding. He steadily refused to exploit the manifold possibilities of the pipe organ as they are exploited over radio and on records even in the classics; gave a restful, satisfying program, and chose quietly blended colors and subtle tone shadings instead of booming, crashing effects.

In short, Mr. Jesson subordinated his instrument to the music presented. Though he did much to establish the versatility of the pipe organ as a medium, he kept that versatility within the range of the subtle and the artistic.

The program opened with the "Choral in A Minor" by Franck, and closed with the same composer's "Finale in B Flat." Both of the Franck numbers are stately and severe—but only in a way. In other ways they are a series of varied moods, with the melodies and modu-

lations always at each other's heels. Mr. Jesson's other heavier offering was the "Allegro Vivace from Fifth Symphony," by Widor, a swinging, rhythmic, but restrained movement that tested the facility of the organ and the skill of the organist in no gentle manner.

For his second group Mr. Jesson presented "Scherzino-Cannon," by Jadassohn, a mellow, tip-toe sort of melody and "Clair de Lune," by Karg-Elert, which is soft, very restrained and peculiarly modernistic in its use of full-tone and other unusual scales. "Evening Bells and Cradle Song," by McFarlane, "Orientale," by Cui, and "Andante Cantabile from Fourth Symphony," by Widor formed the fourth group offered by Mr. Jesson. In all the three, melody, sentiment, and sweetness prevailed, and again the organist showed his musicianship by his sane, restrained, effective interpretation.

The next faculty recital will be given by the college quartet on Sunday, February 9, at 4 o'clock in the afternoon at the college auditorium.

THE INDIAN'S DEPARTMENT STORE

The buffalo was the backbone of the prehistoric Indian civilization of Kansas. His hide was used for tepees, robes, bags, shirts, skirts, bedding, leggings, shoes, harness for the dogs, later for the horses. His offal was used for fuel. His tracks for roads and fords. His horns for ornaments, tools, and utensils. His hoofs for glue, a marvelous glue that cannot be duplicated today by whites with all the chemical knowledge at their command. His wool for various purposes, although the Quivirans were not weavers. His forward bushy hair for cords and ropes. His bones for flint punches, awls, needles, skin scrapers and dressers, hoes, spades, knives, beads, and ornaments, scores of other purposes, not forgetting the delicious marrow contained therein.

His bladder and intestines were used for receptacles. His sinews for thread in making clothing and moccasins and for binding arrowheads, flint knives, and other implements to handles of wood, bone, or horn. His brains for tanning leather and rendering it so pliable that it would not harden when exposed to water and weather. As Dr. Paul Radin aptly states in a recent work on the American Indian, "The buffalo was his department store." And when every part and parcel of the carcass had been used, except the tabooed milk of the cows, his skull became a part of the religious symbolism of the tribe. —From "Quivira," by Paul A. Jones.

DEVELOPING THE SPIRITUAL NATURE

No person rises higher than his spiritual status. No matter how much physical strength or intellectual power one has he cannot live a satisfactory life or render satisfactory service over a long period of years unless he has spiritual qualities by which he may direct and control his physical and intellectual strength. It is one's spirit and spiritual attitude that determines what one does and how one lives.

There are several ways in which people develop their spiritual natures. Some people develop spiritually only as a result of grief or suffering. Others develop their spiritual qualities consciously, as they improve their minds or their muscles. Most people who wish to pursue the conscious method of spiritual development find church attendance and church association helpful to them. It is the business of the church, regardless of sectarian distinctions, to minister to people's spiritual needs and to help develop their spiritual natures.

College students are peculiarly in need of assistance in securing this development. Each year the churches of Manhattan help many students through difficult spiritual crises and render valuable assistance to students who wish, as many of them do, to develop their spiritual natures by the conscious method. For this reason the churches merit the wholehearted support and the patronage of college students. —F. D. Farrell in Christian Education.

PUBLIC INTEREST IN SCIENCE

The late Edwin E. Slosson, as director of Science Service, once circulated among an indiscriminate group of individuals a questionnaire to determine news preferences in the field of science. It revealed that the overwhelming majority are mainly inter-

ested in astronomy and archaeology. Does it surprise newspaper editors that the majority of people are dreaming of the mysteries of the heavens and of prehistoric civilization? I think not, for full indeed is the mind that does not in some measure react to these interests. In these lively days, when science is so easily available to anyone desiring to study, all kinds of people are satisfying natural curiosity as to the hidden facts of life.

The public appetite for information, even about such an abstruse matter as relativity, is insatiable—attested by the ever increasing flood of printed material dealing with such topics. Yes, I know there is an unconscionable mob concerned primar-

Rob Christian, and marshal, R. H. McClure. E. G. Thompson was nominated for the student council.

The students in the printing course were given a series of lectures on matters pertaining to newspaper work. The list of speakers included J. L. Brady, T. A. McNeal, Ewing Herbert, Mack Cretcher, Arthur Capper, Edwin Taylor, W. E. Blackburn, W. A. White, and A. L. Sponsler.

THIRTY YEARS AGO

O. R. Smith, '98, entered the civil engineering course of the University of Kansas.

S. J. Adams, '98, and Ellen E. Norton, '96, were married by the Rev. R. E. Rosenstein. Mr. Adams was

A Farmer's Business Office

"Small Towns; An Estimate of Their Trade and Culture"
by Walter Burr

Farming is a business. Slowly both the business world and the farm people themselves have waked up to this fact. It is the biggest business in the aggregate in the whole United States—or for that matter in the whole world.

The farm office is in the home. The co-workers or partners are members of the family.

In the corner of the big dining room of the farm home just pictured is a modern type of office desk, and standing by it an up-to-date filing cabinet. On the table near at hand, neatly arranged, are several farm journals.

In that office corner are three telephones enabling this farmer business man to do business with farmers and dealers 50 miles or more in every direction. He keeps a complete set of books and posts them regularly. His property is all invoiced, and he can tell you any day approximately where his business stands.

Notice that this business is actually transacted in a corner of the dining room. The other furniture in this office is dining room furniture. The wife and daughters are busy passing in and out in the preparation of the meals. The farmer himself is out of the office a good deal of the time; but he does not hire an office girl to chew gum and make eyes at him and other workers. When the phone rings, the wife or one of the children answers, and they know how to transact much of the buying and selling business of the farm. When they cannot attend fully to calls, they list the parties' names, and have the manager call them up when he comes into the office. This office is always "open." There is no eight-hour day; no "gone-home to dinner" sign for the door. Even a night call is given attention by the manager himself.

This gives the entire family a training in partnership business. It makes this partnership the chief topic of conversation in the family circle. Anyone who has visited or lived in farm homes must admit that much more than 50 per cent of the conversation is on business—the business of production, of buying and selling, of financing and shipping. The radio in the dining room now brings in the world market news every day, at the dinner hour, with the entire family listening in. Where could one find a better education in business, or a better means of solidifying group life?

ily with gluttonous and stupid pursuits, but I have in mind the keen eyed minority of boys and girls and men and women who cannot be overlooked in news coverage. So far as I have seen no New York newspaper gave a description of the Einstein film that 4,500 persons rioted to see, whereas all New York newspapers published stories about the riot itself. —Marlen Pew in Editor and Publisher.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Neva Helen Colville, '13, was in charge of the Y. M. C. A. cafeteria at Muscatine, Iowa.

Warren E. Crabtree, senior in agriculture, won the second prize offered by Better Farming for the best agricultural feature story submitted by a college student.

These 10 men were pledged to Alpha Zeta, honor society: Morris Evans, Topeka; G. J. Ikenberry, Quinter; K. D. Thompson, Densmore; G. M. Drum, Garber, Mo.; R. H. Lush, Altamont; Paul C. Mangelsdorf, Atchison; J. F. Brown, Toronto; L. H. Reyburn, Leavenworth; K. S. Quisenberry, Newton, and S. J. Gilbert, Arkansas City.

TWENTY YEARS AGO

The junior class elected the following officers: president, Nell Hickok; vice-president, W. N. Kelly; secretary, Miss Towne; treasurer,

general secretary of the college Y. M. C. A. and Miss Norton had held a similar position in the Y. W. C. A.

J. A. Harvey, '99, made a visit to the college with W. E. Richey, of Wabunsee county. Mr. Richey was superintendent of public instruction in that county many years ago. He was making investigations concerning the site of Quivira, the region visited by Coronado, and supposed by some to have been in this vicinity.

FORTY YEARS AGO

E. H. Snyder, '88, had an article in the Colorado Farmer of December 26 on "Material Education and National Improvement."

J. F. Kerr, f. s. in 1886-87, was station agent for the Rock Island railway company at Hutchinson, and wrote that he was prospering.

F. W. Adgate, f. s. in 1886-88, was engaged as superintendent in building a dock at Port Henry, N. Y., with headquarters at Keeseville.

FIFTY YEARS AGO

The winter term opened with a very full attendance of 275 students.

The Union Pacific, Denver Pacific, and Kansas Pacific were consolidated and called the Union Pacific.

Prof. J. H. Lee was appointed county superintendent of public instruction of Riley county, in place of J. F. Billings, resigned.

The ways of the gods are full of providence. —Marcus Aurelius.

A PRAYER

Sara Teasdale in "Rivers to the Sea"

Until I lose my soul and lie
Blind to the beauty of the earth,
Deaf though a lyric wind goes by,
Dumb in a storm of mirth;

Until my heart is quenched at length
And I have left the land of men,
Oh, let me love with all my strength
Careless if I am loved again.

SUNFLOWERS

H. W. D.

HEIGH HO!

A cold snap, like an idyllic marriage, is much more pleasant to recall than to endure.

Forty years from now—in January, 1970—some of us shall have the privilege of telling our children or children's children about the January of 1930. We shall lead them to believe that we really enjoyed it.

The nine consecutive days below zero we shall stretch to thirty-one. The twelve or fifteen inches of snow we shall increase to three or four feet. The times our automobile—a land conveyance propelled by a gas engine—wouldn't start, we shall multiply by ten. Disgust and ill-humor at frosted ears and noses and fingers and toes we shall convert into laughter and wholesome whoopee.

Pessimists, disgustingly persistent and irritatingly successful in establishing their gloomy contentions, are stumped by the fact that life in retrospect is overwhelmingly rosy. Memory is steadily on the side of optimists, ignoring the painful and ugly and keeping the spotlight on Pollyanna.

Maybe the key to contentment lies in this bias of memory. Forty years from now this bitter January will be a rosy recollection. It will be exaggerated in all directions, but the misery of it will not muster enough strength to garner a single electoral vote. A few malcontent senators and representatives may sneak in, but we'll be used to them by then.

In spite of what the calendar may have to say about it, a lifetime consumes only three days—Yesterday, Today, and Tomorrow. Tomorrow is a mystery. Today a fleeting sensation, and Yesterday an ever-increasing memory. Not one of them can be caught or satisfactorily comprehended. The last word about any of them will never be said.

And the last word about a cold January will never be said. But he who has lived through one, from prognostication to recollection, ought to be a considerably wiser and happier man.

Whatever one lives through—thoroughly through—one conquers. It makes no difference whether it be college education or cold snaps, measles or marriage, affluence or adolescence. The only way in which one can suffer defeat is to die or to forget utterly—and there is always some question about the actuality of either of these.

So what if we spend an hour or two of Today trying to start a motor stuck dead in frozen oil—and then have to be hauled in? What if there is ever another half-foot of snow on the side-walk? What if we haven't seen the ground for six weeks? What if the gas bill is three times what it was last month? And what if we slip and slide and bust two wheels and bend an axle?

Think of the fun we'll have telling our grandchildren about it. Think of the lies we can tell and swear to when evidence to the contrary has been spirited away into another state. Think of the way we can laugh and joke about it some day. Think how we can always go somebody else one better. Our voices may be cracked, but there will be nobody nor no thing to say them nay.

For Tomorrow will transform Today into Yesterday, and Memory will align itself with the deep-seated human tendency to make the best of the worst bargain. Forty years from now even the most disgruntled shoveler of snow will be laughing it off.

Forward, as occasion offers. Never look round to see whether any shall note it . . . Be satisfied with success in even the smallest matter, and think that even such a result is no trifle. —Marcus Aurelius.

AMONG THE ALUMNI

Lillian Alley, '29, is teaching physical education in the Salina schools. Dr. Chester A. King, '21, is a practicing veterinarian at Cawker City.

Harvard L. Kell, '28, is doing graduate work at Iowa State college, Ames, Iowa.

Everett R. Cowell, '21, is a student at an osteopath college in Los Angeles, Calif.

Hilliard L. Gamble, '29, is with the Kansas gas and electric company at Arkansas City, Kan.

Nels H. Anderson is principal of the New Holland community high school, New Holland, Ill.

Mildred Thurow, '27 and '29, is teaching in the home economics department of McPherson college.

Albert N. Waters, '20, is a merchant doing business at 158 Massachusetts avenue, Boston, Mass.

Mary E. Kirkpatrick, '19, is working toward her master's degree at the University of Chicago, Chicago, Ill.

Raymond Brink, '08 and '09, is head of the mathematics department at the University of Minnesota, St. Paul.

Edith S. Glasscock, '14, has charge of the lunches and banquets served at the Y. W. C. A. hotel, Minneapolis, Minn.

Rev. A. D. Rice, '92, of Basehor, was in Manhattan January 13 to assist in the funeral services for J. W. Hartley, '92.

John E. Harner, '23, holds a position as teacher in the electrical division of the Withrow high school, Cincinnati, Ohio.

Harry E. Monroe, f. s., is with the Excelso hot water heater branch of the American radiator company. His headquarters are in Chicago.

Miss Muriel Shaver, '25, has accepted a position in the advertising department of Frederick's-Loeser's, Fulton and Bond streets, Brooklyn, N. Y.

Louise Watson, '30, who graduates at the end of this semester, has accepted a position as teacher of home economics in the high school at Olive Hill, Ky.

Clifford Gallagher, '21, and Ruby (Crocker) Gallagher, '21, are living at 84 Carroll street, Watertown, Mass. Mr. Gallagher is coaching wrestling at Harvard university.

B. F. Hartman, Salina, a senior in chemical engineering, finished his college work at the close of the first semester and went to a position with the Abilene Flour Milling company, Abilene.

Marcia Tillman, '16, has been chosen a sponsor of the senior class of the Little Rock, Ark., high school. Miss Tillman has been in the science department of the Little Rock school three years.

Emma S. Irving, '10, who is a member of the nursing staff of the Community hospital, Beloit, writes that she is looking forward to the time when the 10'ers get together at commencement time.

L. G. Wieneke, Sabetha, left Manhattan at the end of the first semester for a position with the Vacuum Oil company. He will work in the New York laboratories of the company, and then be transferred to the refinery at Paulsboro, N. J. Wieneke finished his work for a degree in chemical engineering at the end of the semester.

DEATHS

MORRIS

Margaret D. Morris, '11, deputy county treasurer of Riley county, died January 23 in a Manhattan hospital following an operation for an internal goiter.

Miss Morris is survived by her parents, Mr. and Mrs. E. M. Morris, Manhattan, with whom she made her home, a sister, Maria Morris, '11, who is instructor in applied art at K. S. A. C., two brothers, George Morris, f. s., of Kansas City, Mo., and Hurt Morris, '10, of Pittsburgh, Pa.

CALLAHAN

Funeral services for John R. Callahan, '63, vice-chairman and leader of the Mount Vernon common council and well known in Westchester political circles, who died at his home at 145 South Second avenue, Mount Vernon, will be held tomorrow at 8 p. m. at the First Methodist Episcopal church there.

Alderman Callahan served in Cuba and the Philippines as a member of the staff of the commissary department, retiring after 30 years of service. He was first elected to the common council in 1919 on the Republican ticket, and has been re-elected twice since. —From the New York Evening World.

* f. s., K. S. A. C. (see Looking Around Column).

COLORADO 'AGGIES' HAVE RECORD CROWD

Thirty-Seven Gather for Annual Dinner and to Honor Winning Judging Team

By Rebekah (Deal) Oliver, '23

Thirty-seven Kansas Aggies demonstrated the old Aggie spirit when they met the evening of January 20 to renew old friendships and to honor the winning Aggie stock judging team at the annual dinner in Denver. In spite of 10 below zero weather a record crowd gathered. Each year the reunion is coming to mean more and more to us here in Colorado.

After a delicious dinner, F. T. Parks, '10, president for the past year, conducted an informal and delightful program in which the team, introduced by Prof. F. W. Bell, K. S. A. C., gave us the latest and most interesting news of campus affairs. Many old timers and newer members, among whom were W. S. Hoyt, '88; D. W. Working, '88; J. E. Thackrey, '93; "Pat" Ireland, '07; Mary (Strite) Burt, '05; and Ralph Blackledge, '26, were called on to add to the oratory of the evening.

The following officers were elected for the coming year: D. W. Working, '88, president; Hubert Collins, '23 and '29, vice-president; Rebekah (Deal) Oliver, '23, secretary and treasurer. It was also decided that hereafter there should be an executive committee of five, the three officers, the past president, and one other to be elected. George C. Wheeler, '95, was elected this fifth member for the coming year.

After the meeting adjourned groups stood about talking for a long time. They found it hard to break away.

Following are the names of those who were present:

Bruce R. Taylor, '31, Alma; George Brookover, '31, Manhattan; Ebur S. Schultz, '31, Miller; N. L. Rucker, '13, Goodland; F. W. Bell, K. S. A. C.; Carl Williams, '31, Dodge City; John L. Wilson, '31, Geneva; William Ljungdahl, Manhattan; W. M. Myers, Manhattan; Cecille Protzman, '27, Littleton, Colo.; Elizabeth Gibb, Littleton, Colo.; L. S. Harner, '92, 1115 W. Kiowa, Colorado Springs, Colo.; Helen Haines, '13, Boulder, Colo.; H. A. Ireland, '07, Montrose, Colo.; Robert E. Williams, '07, Norwood, Colo.; Grace B. Long, '23, State College, N. M.

The following were from Denver: W. S. Hoyt, '88, 3284 Osceola; F. T. Parks, '10, 2511 Bellaire, and Minnie (Foreman) Parks, '09; Mrs. Iva (Porter) Cline, '16, Shirley Savoy hotel; Chuck Olds, '29, 1100 Downing; Hubert L. Collins, '23, and Mrs. Lois (Richardson) Collins, '25, 367 Emerson; Glenn W. Oliver, '20, and Mrs. Rebekah (Deal) Oliver, '23, 790 Garfield; H. A. Burt, '05, and Mary (Strite) Burt, '05, 2227 Grape; Ralph Blackledge, '26, and Mrs. Louise (Harrop) Blackledge, 1635 Penn; Mrs. J. P. Scott, 1526 Milwaukee; C. F. Morris, '21, and Mrs. Morris, 1010 Downing; M. P. Goudy, '15, and Mrs. Goudy, 1548 Cherry; G. C. Wheeler, '95, and Kitty (Smith) Wheeler, '95, 2718 Java court; H. G. Beatty and Mrs. Beatty, 201 Fourteenth street; Edith M. Haines, '23, 1756 Gilpin; Glenn D. Slaybaugh, '28, 1100 Downing; O. W. Working, '88, Route No. 2, Capitol Hill station; J. E. Thackrey, '93, 1452 S. Emerson; R. A. Hake, '23, and Mrs. Amy (Lemert) Hake, '23, 1035 Harrison.

World Forum Dates Set

The annual World Forum, under supervision of the college Y. M. C. A. and Y. W. C. A., will be held March 14, 15, and 16.

To prevent cedar apple rust, destroy all red cedar trees within one mile of the orchard.

LOOKING AROUND

KENNEY L. FORD

Editor, INDUSTRIALIST:

John R. Callahan, who has just died at Mount Vernon and who was held in high esteem in that community, was a student at K. S. A. C. for several years in the late '80's almost to include graduation. He enlisted in the army, no doubt with the hope of getting a commission as an officer, but fell short of it perhaps through no fault of his own and became a staff sergeant, in which capacity he served until he was retired. He re-entered the service during the World war and became a captain.

I am sure that many of the students of the late '80's will remember Callahan, especially those who were connected with the printing department and THE INDUSTRIALIST in those days.

(Signed) J. G. Harbord, '86.

The following anecdotes concerning Dr. J. D. (Daddy) Walters have been sent to THE KANSAS INDUSTRIALIST in answer to a request published some time ago. Other such stories will be welcome:

"In response to the published request I am pleased to enclose the following anecdotes of the late Professor Walters. They lost much of their 'punch' when disassociated from his vigorous, unique personality.

"I was the youngest member of the faculty in 1890. Professor Shelton had just left for Australia. The 'heavy weights' on the faculty were President Fairchild, Professors Fairer, Popenoe, and Walters, none of whom would be classed as radical. The old order, however, was changing slowly, but the fight was lively and the writer was 'squelched' many times by Professor Walters, who was opposed to any athletics that brought the contestants in physical contact 'biff.' Turning bars, etc., as used in the old country were to him the proper thing.

"At one faculty meeting Professor Walters was vigorously opposing my plea to allow the students to organize a football team. I asked Professor Walters if he had ever seen a football game. He replied, 'Vell, it is not necessary to descend to the depths of infamy to know vat infamy is.'

"On another occasion the faculty were planning to recommend to the board a site for the library building. Some wanted it located near where the chemical laboratory now stands. At that time the president's house was about where the dairy building stands. Professor Walters was opposed to this proposed site and said in faculty meeting, 'If you put this great big building right in front of the president's house, it will make the president's house look like . . .'. At this point he realized there were ladies in the faculty so he looked around helplessly and continued 'look like a—, look like a—Vell, you can imagine vat it will look like.'

"A college student once called at Professor Walters' house, without the professor's approval. Professor Walters came in and said, 'Vell, Mr. X, vat you doing here?' Mr. X replied that he just came to make a call. 'Make a call, eh,' said the professor; 'I will expect you to wait until I return dis call before you come again.'

"In an early day while Professor Walters was working in Topeka, before he came to the college, he visited some friends in northern Riley county. They loaned him a horse to

ride back. When he reached Wabunsee county he stopped for the night, sleeping in a haystack where he was apprehended by a local vigilance committee which was hunting horse thieves. It was a precarious situation, because a horse thief in those days usually got 'short shrift.'

"Professor Walters tried to explain who he was and told them among other things that he played a cornet in Colt's band, Topeka. His captors took him to St. George, hunted up a battered army bugle and told him if he played in Colt's band to play that. The professor said, 'I shust played for my life.'

Yours sincerely,
N. L. Mayo.
Abbott Laboratories
North Chicago, Ill.

W. C. Howard, '77, of 1055 N. Kingsley drive, Los Angeles, Calif., sends in the following story concerning "Daddy" Walters:

"Before he could talk much English, John D. Walters was working on 'section' for the Union Pacific railway, near Manhattan, at \$1.25 a day.

"One day he noticed three men figuring over something near the depot, and was told that they were 'stuck' on the problem of the curves for the yard switches. He knew that he could do it without a pencil! He found out that those men drew \$250 a month wages. The first thing he did after supper that day was to go to Fox's bookstore on Poyntz avenue and buy an English-German dictionary.

"Not long afterward he left the section gang for the K. S. A. C. faculty, where he stayed more than 50 years."

THREE FORMER AGGIES TAKE POLITICAL ROLES

Snyder Announces for Senator—Haucke for Governor—Mrs. Boyd Heads Kansas Day Club

Three prominent parts in the current Kansas political drama are being taken by Kansas Aggies, two of them alumni and the third a former student.

Mrs. Frank W. Boyd, '02, Phillipsburg, was elected president of the Women's Kansas Day club, a non-partisan organization, at the annual meeting in Topeka on January 29, last. Mrs. Boyd is a member of the board of directors of the K. S. A. C. alumni association.

Ralph Snyder, '90, made his official announcement on January 29 as candidate for the Republican nomination for United States senator (short term). Snyder is president of the K. S. A. C. alumni association and also president of the Kansas farm bureau. He has for several years directed the legislative activities of state farm organizations. He will have as his opponents Senator H. J. Allen, incumbent, and W. H. Sproul.

Frank (Chief) Haucke, f. s., Council Grove, is the third Aggie to take a political role. Haucke is a candidate for the Republican nomination for governor. Thus far he and Governor Clyde M. Reed are the only two making official announcements. Haucke played on the Aggie football and baseball teams before the war, and was captain-elect of the football team, but went to Cornell university, where he was graduated.

H. W. Shideler, Girard publisher, was president of the Kansas Day club, Republican men's organization, this year. He has had three sons at K. S. A. C., though not himself a former student.

LOST, STRAYED, OR—

The alumni association will appreciate having corrections on addresses and news of graduates or former students. Write us.

Kuhl, Mrs. Jessie M. (Brown), '14
Bruce, Neal Dwight, '24
Burton, Loring Ermer, '20
Bushey, Glenn A., '10, and
Bushey, Mrs. Helen (Hocker-smith), '14
Butcher, Claude R., '24, and
Butcher, Mrs. Nettie (Pfaff), '23
Caldwell, Ralph Morris, '11
Campbell, Frank S., '19
Caraway, Lamar Perkins, '25
Boerke, Mrs. Lucile (Carey), '19
Carle, Ray Arthur, '05
Yule, Mrs. Helen (Carlyle), '18
Carter, Cecyl Delois, '15
Clark, Ercile Laveta, '21
Clark, Roy H., '07
Clarke, Lee S., '07
Cole, Theodore Dennis, '23
Cooke, Edgar Raymond, '12
Geyer, Mrs. Nelle (Cordts), '18
Corey, William A., '84
Hargis, Robert S., '20, and

Hargis, Mrs. Elizabeth (Cotton), '19
Coulson, Ernest B., '96
Crandall, Blanche Marie, '18
Sloan, Mrs. Ida (Cranford), '82
Curless, Kathryn W., '16
Cripps, Edward B., '82
Davis, Joseph Lyndon, '16
Davis, Juanita, '15
Davis, Roy Robert, '13
Davis, Roy Ira, '12
Davis, Thomas Clarke, '91
Davis, William DeOzro, '04
Davis, William L., '07
Dawson, Louise, '20
Denman, Earl W., '12
Dethloff, Carl C., '22
Cosgrove, Mrs. Josephine (Doran), '14
Ackers, Mrs. Vinnie (Drake), '21
Drake, William C., '13
Dresser, Henry C., '14
Duvall, Ethel B., '16

RECENT HAPPENINGS ON THE HILL

Flor Zapata, a student from the Philippine islands, has opened a sandwich shop in Aggieville.

The Kansas Aggie band, under direction of Lyle Downey, furnished the chapel program on Tuesday, February 4.

Second semester registration shows an increase of more than 100 over the figures for the corresponding time last year.

Twenty-five journalism students from the college wrote and edited local news for the Kansas Day edition of the Topeka Daily Capital, in accordance with an annual custom.

Formal opening of the new college power plant will be during engineering open house, on March 21. Visitors will be conducted through the plant and allowed to walk through the tunnel which extends from the plant to the college library.

A huge icicle which formed about the drain pipe on the west side of the auditorium was melted and broken down by the thaw after more than a week of existence. It was as large as a man's body and extended from the ground to the eaves, clinging to the pipe.

Applications for the post of editor and business manager for the 1931 Royal Purple are desired by members of the Royal Purple board. Thus far there has been a dearth of suitable applicants. The board selects two for each position, and runs them against each other.

Eurodelphians Install

The following officers were installed at the regular meeting of Eurodelphian literary society Saturday, February 1: Bernice Bender, Holton, president; Genevieve Long, Haviland, vice-president; Dorothy Obrecht, Topeka, secretary; Frances Wentz, Ames, treasurer; Irene Decker, Robinson, corresponding secretary; Alice Tribble, Circleville, critic; Vivian Albright, Netawaka, second member of the board; Louise Barry, Manhattan, third member of the board; Bernice Lloyd, Manhattan, marshal; Grace Brill, Westmoreland, assistant marshal; Elsie Finner, Wichita, reporter; Lesta Lawrence, Abilene, council representative.

Doctor Jewell Resigns

Dr. Minna E. Jewell of the faculty of the zoology department resigned at mid-year and has taken a position in Thornton junior college at Harvey, a suburb of Chicago. The vacant position will be filled by M. J. Harbaugh, an instructor in the department. Doctor Jewell had been a member of the faculty for the past seven years, and has been especially active in directing the graduate study activities of several students who have taken master's degrees.

Dean Call Is Honored

Dean L. E. Call of the division of agriculture has been elected to membership in the section committee of section "O" (agriculture) of the American association for the advancement of science. Election is for a term of three years ending in December, 1933. The committee cooperates with the section officers in directing the work of the section.

Howe on Real Estate Board

Prof. Harold Howe of the department of agricultural economics has been invited to become a member of the educational board of the National association of real estate boards.

Big Six Scores

(Games in the conference, since January 20).
Kansas Aggies 24, Oklahoma U. 23.
Kansas Aggies 21, Iowa State 37.
Kansas Aggies 46, Nebraska 42.
Missouri 37, Oklahoma U. 20.

GAMES THIS WEEK

Feb. 5—K-Aggies vs. K. U. at Manhattan.
Feb. 8—Ames vs. Missouri at Columbia.
Feb. 8—Nebraska vs. Oklahoma at Norman.
Feb. 10—Nebraska vs. K. J. at Lawrence.

Intelligent advertising costs little, least of all for the advertiser.

TWO WINS, ONE LOSS, ADDED TO COURT LIST

WILDCATS DEFEAT OKLAHOMA AND NEBRASKA, LOSE TO AMES

Basket Shooting Slump Followed by Rousing Rally at Expense of Huskers—Russell and Nigro each Get Eight Goals

Two basketball victories and one defeat are to be chronicled since the last issue of THE INDUSTRIALIST. The victory over Oklahoma university, 24 to 23, was briefly described in the January 22 issue. The closeness of the game, which at no time found either team more than three points in the lead, kept the home crowd in a state of either despair or ecstasy, with ecstasy coming out one point to the good. The basketball displayed was negligible, save for a brief moment in the last minutes when the Aggies, a point ahead, "stalled" until Oklahoma came out after the ball, and then worked the ball in for the game-winning basket which gave a three point lead, neutralizing a final Oklahoma basket.

AMES WINS 37 TO 21

Manhattan followers of the team wondered what had happened when they heard of the 37 to 21 victory of Iowa State over the Wildcats at Ames on Friday, January 31. The return of the squad brought no enlightenment, as the players were likewise puzzled as to what happened. "We were bad and they were good," was the most enlightening explanation offered, and it came from Coach C. W. Corsaut.

The 46 to 42 victory over Nebraska at Lincoln February 1 quite erased the memory of the Ames game, however. Nebraska previously had defeated the K-Aggies by two points and had steam-rolled Ames. Nebraska, hence, was in that frame of mind aptly described as "cocky."

RUSSELL GETS RIGHT

During the first half Ray (Rusty) Russell, Kansas City, who is both literally and figuratively the fair-haired boy of the basketball team, shot seven long baskets. This is all the more surprising when the record of shots taken in each game during the season is examined, as six or seven tries at the goal per engagement have been his limit. Russell's basket total for the game was eight, and Alex Nigro became inspired and also shot eight baskets, doing his yeoman work in the last half. The elongated Don MacLay of Nebraska was high point man with 19, but this occasioned no long Aggie faces, as MacLay is the leading scorer of the conference.

Cronkite, who made four baskets against Iowa State, got three more and three free throws against Nebraska.

The box score:

K-Aggies (46)			
	G.	FT.	F.
Nigro, f	8	1	2
Russell, f	8	0	1
Cronkite, c	3	3	2
Auker, g	1	0	3
Richardson, g	1	0	4
Freeman, g	0	0	1
Totals	21	4	13
Nebraska (42)			
	G.	FT.	F.
Fisher, f	5	2	1
Grace, f	1	2	1
MacLay, c	7	5	2
Lewandowski, g	1	1	1
Hokuf, g	1	2	0
Totals	15	12	5

Referee—Dwight Ream, Washburn; Umpire, L. E. Edmonds, Ottawa.

NEW STREET CAR TRACK DEVELOPED BY I. O. MALL

Invention is Adapted to Modern Transportation Requirements

Ivor O. Mall, '18, who is assistant superintendent of roadways of public service, New Orleans, La., has invented an entirely new type of track for street railways, designed to meet the needs of transportation in modern city streets.

Advantages cited are that street cars operating over this new type of track will be virtually noiseless, and the breaking up of street paving in proximity to the car tracks, heretofore a serious annoyance to motorists, virtually will be eliminated.

The outstanding difference from the layman's point of view between the old and new type is the elimination of wooden cross ties.

According to William Stingley, Manhattan, father-in-law of Mall, the latter has refused \$10,000 for the invention.

Basketball Schedule

Dec. 18—St. Marys 18, Aggies 36.
Dec. 20—Kansas Wesleyan 19, Aggies 32.
Jan. 3—Colorado college 34, Aggies 53.
Jan. 4—Colorado college 28, Aggies 35.
Jan. 10—Nebraska 41, Aggies 39.
Jan. 13—Missouri 34, Aggies 21.
Jan. 17—Oklahoma A. & M. 35, Aggies 47.
Jan. 21—Oklahoma U. 23, Aggies 24.
Jan. 31—Iowa State 37, Aggies 21.
Feb. 1—Nebraska 42, Aggies 46.
Feb. 5—Kansas U. at Manhattan.
Feb. 11—St. Louis U. at Manhattan.
Feb. 14—Missouri at Manhattan.
Feb. 18—Kansas U. at Lawrence.
Feb. 21—Iowa State at Manhattan.
Feb. 24—Oklahoma U. at Norman.

THREE JOURNALISM SENIORS WIN SIGMA DELTA CHI AWARD

John C. Watson First K. S. A. S. Man So Honored

Three seniors in industrial journalism are winners of the Sigma Delta Chi scholarship award for the 1930 class, according to word received from national headquarters of the honorary national journalistic fraternity. For the first time in the three years the award has been offered, a man is included in the winners. He is John C. Watson, Frankfort, editor of the Collegian last semester.

Gladys Schafer, Del Norte, Col., led the list in scholarship with a 2.39 average for her first three years of college work. Watson was second with 2.36 and Vera Crawford, Lincoln, third with 2.29.

Selections for the award are made each year to include the high 10 per cent of the senior class in journalism.

TRACK HOPES RAISED BY SOPHOMORE 'CROP'

SEASON OPENS WITH K. C. A. C. INVITATION MEET SATURDAY

Haylett Predicts Improved Showing but Expects Nothing Sensational—Forsberg and Hinckley Both Make Good Time in Tryouts

Track prospects for the season's first meet, the Kansas City Athletic club indoor at Kansas City next Saturday night, are better than for several seasons, according to Coach Ward Haylett. "That doesn't mean anything sensational is to be expected," Haylett warned. "K. S. A. C. track has been in the doldrums for some time and now we're on the upgrade. We can't go very far up in one season."

Wallace Forsberg, Lindsborg, will run in the 600 yard Shannon Douglass cup race, feature of the meet. Forsberg won the competitive tryouts in time fast enough to place him with the leaders. He is a junior but played basketball and baseball last year. Captain H. S. Miller, Kansas City, will run the open half mile; K. L. Backus, Olathe, the open mile; and O. L. Toadvine, Dighton, the open two mile. Toadvine was fourth in Big Six cross country last fall. He and Backus are sophomores.

FAST DASH TIME

Harry Hinckley, Barnard, and H. A. Elwell, Hutchinson, will run the 50 yard dash for the college. Hinckley, a sophomore, ran 35 yards in 3.9 seconds in Nichols gymnasium. The college record is 3.8 seconds,

held by Cliff Gallagher, former conference champion.

High jump entrants will be O. H. Walker, Junction City, who placed in the conference outdoor last spring, and Milton Ehrlich, Marion, sophomore. Ehrlich won a "K" last year by breaking the college record.

Walker also will enter the 50 yard low and high hurdles with A. D. Fornelli, Cherokee, and Marvin Morgan, Manhattan, both sophomores.

C. M. Kopf, Beverly, made the fastest time in the 440 yard dash tryouts. It is probable that seven quarter milers will make the trip, three to be used in the open 440 and four in the mile relay against Iowa State.

QUARTER MILE PROSPECTS

Those from whom selection will be made are as follows:

Clarence Nutter, Falls City, Neb.; C. M. Kopf, Beverly; H. R. Williams, Valley Falls; Lot Taylor, Ashland; Ladek Fiser, Mahaska; Major Bliss, Minneapolis; Harry Hinckley, Barnard; H. A. Elwell, Hutchinson. The first two are letter men.

Half milers for the open two mile relay will be taken from the following: H. S. Miller, Kansas City; E. J. Skeen, Eskridge; Wallace Forsberg, Lindsborg; P. W. Dutton, Burlington; James Chapman, Collyer; E. C. Black, Utica; John Carter, Bradford.

Willis Jordan, Claffin, will be the only pole vaulter entered. Vohs and Schooley, sophomore vaulters, both are on the basketball squad while Hinckley and Carter, also good sophomore prospects, will be more valuable in other track events. No entry will be made in the shotput as Cronkite, sophomore, is on the basketball squad and Smith, letter man, will not be ready for competition.

KANSAS AGGIE GRAPPLERS VICTORIOUS OVER HUSKERS

Fall in 145 Pound Class Gives Wildcats Advantage

The Kansas Aggie wrestling team defeated Nebraska university here last Saturday night 14 to 12. Sam Alsop, Wakefield, gained the decisive points when he threw Margaret, Nebraska, in the 145 pound class. Each team won four matches. Captain Adolph Simic of Nebraska, conference champion, was forced to an overtime period by J. R. Warner, Whiting, but finally won.

The summary:

115 pounds—K. J. Latimer, Humboldt, defeated Jack Kosowsky, Nebraska, in overtime period. Time advantage 1:37.
125 pounds—Ivin Webber, Nebraska, defeated Ben Barber, Alton. Time advantage 4:07.
135 pounds—J. C. Fickel, Chanute, defeated Vane Reese, Nebraska. Time advantage 1:37.
145 pounds—S. E. Alsop, Wakefield, threw Ernest Margaret, Nebraska, in 7:33, with a scissors and wristlock.
155 pounds—Capt. Adolph Simic, Nebraska, defeated J. R. Warner, Whiting, in overtime period. Time advantage 2:14.
165 pounds—L. Robertson, Nebraska, defeated William Chapman, Wichita. Time advantage 6:12.
175 pounds—R. S. Hunt, Nebraska, defeated Captain R. H. McKibben, Kansas City. Time advantage 6:54.
Heavyweight—C. H. Errington, Ruleton, defeated T. J. Kesselbach, Nebraska. Time advantage 6:48.
Referee—Leon Bauman (Oklahoma A. and M.).

TWO MORE MASTER FARMERS HAVE KANSAS AGGIE CHILDREN

Corrections Made in List Appearing in Last Issue

H. E. Myers, '28, agronomy department, K. S. A. C., says that the names of at least two of the 1929 master farmers who are fathers of Kansas Aggie students or alumni were omitted from the Kansas master farmer story that appeared in the last issue of THE INDUSTRIALIST.

Alva B. Stryker's son, Russell, of Blue Rapids, was enrolled at K. S. A. C. during the year 1927-28, and George Greene, Whiting, has two daughters, Esther and Dorothy, who were enrolled at K. S. A. C. last semester.

Nebraska Wins Swimming

The Kansas Aggie swimming team lost its first meet of the season to Nebraska university here last Saturday afternoon. The score was 51 to 24. A. D. Buckmaster, Manhattan, won both the firsts taken by K. S. A. C., and was timed in 63.3 seconds over a measured 100 yards, which equals the conference record. The race extended over more than 100 yards, however, due to the odd length of the college pool, so that Buckmaster's official time for the race was 66.2 seconds.

WILDCAT VS. JAYHAWK ON BASKETBALL COURT

GOVERNOR REED HONOR GUEST AT ALL KANSAS GAME

University is 'Dope' Favorite but Kansas Aggie Showing Against Nebraska Bodes for An Exciting Time—3,000 to Attend

Tonight in Nichols gymnasium 3,000 excited Kansas will sit in on the Kansas Aggie-Kansas university basketball game, and perhaps a hundred times that number, equally on edge, will be "present" through the efforts of Prof. H. W. Davis, Fred Seaton, and the operator of radio station KSAC.

The game will start at 7 o'clock, 30 minutes earlier than usual, in order to allow time for a talk immediately after the game by Governor Clyde Reed of Kansas. Governor Reed will be the guest of the college and principal speaker at a Farm and Home week assembly. He has also consented to talk over the radio.

SEATS SOLD OUT

Reserved seats have been sold out for more than a week but many out of town people will come with the expectation of finding a space in the bleachers, which are not reserved. The maximum crowd in the gymnasium for a basketball game was about 3,100, but 3,000 makes the sides bulge a bit.

The university, with nine victories and no defeats, has a decided advantage on paper. Six of the victories, however, have been against non-conference teams. The other two have been a romp over Iowa State, an easy victory over Oklahoma, and a victory over Missouri in an exhibition game which does not count in the conference standings.

The K-Aggies are likewise all-victorious outside the conference, but have lost to Missouri, Nebraska, and Iowa State, winning from Nebraska and Oklahoma.

AGGIES MUST BE 'RIGHT'

The easy victory of Kansas over Iowa State and the latter's victory over the K-Aggies would make tonight's situation alarming were it not for the fact that advance dope is about as substantial in one of these all-Kansas affairs as an icicle at the end of this week's warm spell. If Nigro, Russell, Cronkite, Silverwood, Richardson, Auker, et al, are right, the best efforts of the very good Bishop, Thompson, Cox, Bausch, Page & Co., will be none too good.

Silverwood has played in four games against the university in the past two years, and three of them have been Wildcat victories. Two of the three can be credited to his last minute sharp-shooting. He will be among those present tonight, though he probably will not start.

MAT TEAM IS VICTORIOUS IN MATCH WITH KANSAS U.

Four Falls and Decision Give 23 to 9 Win

The Kansas Aggie wrestling team defeated Kansas university 23 to 9 at Lawrence January 23. The university team won three of the eight matches by time advantage, but the Wildcats won four of the remaining five by falls and the other on time, thus piling up the score.

The summary:

115 pounds—K. J. Latimer, Humboldt, defeated Schniebley, K. U. Time advantage 6:24.
125 pounds—Welch, K. U., defeated Ben Barger, Alton. Time advantage 1:34.
135 pounds—J. C. Fickel, Chanute, threw Cuadra, K. U., in 6:8.
145 pounds—Sam Alsop, Wakefield, threw Spry, K. U., in 2:04.
155 pounds—J. R. Warner, Whiting, threw Hatton, K. U., in 8:54.
165 pounds—Captain Church, K. U., defeated F. G. Ackerman, Lincoln. Time advantage 8:01.
175 pounds—Cochrane, K. U., defeated George Long, Manhattan. Time advantage 2:58.
Heavyweight—C. H. Errington, Ruleton, threw Cutler, K. U., in 3:43.

Win 2 of 3 from Huskers

Kansas Aggie athletes had an unusual day last Saturday, February 1. They competed with Nebraska university in three sports, basketball, swimming, and wrestling, and won in two of the three—wrestling and basketball.

Choose Winter Queen

Vera Smith, Manhattan, was elected winter queen of the college at the winter frolic given last Saturday night by the Royal Purple, college yearbook. Miss Smith is a member of the Pi Beta Phi sorority.

PROGRESS OF KANSAS PRESS

F. E. C.

When fire destroyed the Lindsborg News-Record office recently, the McPherson Republican printing plant was called into use by Editor Paul Gustafson of the News-Record. While equipment is being replaced for the News-Record the paper will continue to be printed in McPherson.

Out at Dodge City there is agitation to make Ford county a t. b. free area through government testing of all dairy and breeding cattle. Editor Sailors, with his usual deference to agriculture, reprinted the petition being circulated and gave names of the circulators in a page 1 story. In fact, he put a two column head on it and placed it at the top of the page.

Here is a new way of telling an old story:

A Kansas editor says that when the merchants of his town, and other fellows, want a little advertising or job work done, they go around and solicit bids for the same, and the lowest bidder gets the work. The editor is now ready to receive sealed bids for a sack of flour, a pair of pants, a hat and a cord of wood, and the pulling of an aching tooth; also a pair of brogans for his six-months-old baby.

—Altoona Tribune.

Seeking the truth about this butter situation—in which the farmer is blamed for the present low prices of butterfat because he sold dairy products and in turn purchased oleomargarine instead of butter—a reporter for the Marshall County News interviewed the local manager of a creamery and packing plant. He got at least a part of what he wanted. The creamery manager did partially blame the farmer and the News published the story, saddling this blame not just on farmers in general but on "Marshall county farmers," also. The News editor has learned that local business concerns harbor many "local angles" to national stories.

After all, it's leisurely scanning of the newspaper that counts in advertising. The following, reprinted in the Hiawatha World, is so interesting it can bear another reprint:

NEWSPAPER VS. RADIO

Roger W. Babson, the business statistician, forecaster, purchased for \$3,000 space in newspapers of five cities to sell the Babson statistical service, then spent the same amount, \$3,000, for radio broadcasting to advertise the same product. Here are the results—from his newspaper advertising he received 4,000 inquiries costing him 75 cents each. From his radio advertising he received a total of 16 inquiries, two orders. These cost him at the rate of \$166.66 each. In his newspaper advertising he told his story briefly, interestingly. In his radio advertising he hired a well known orchestra to play for 25 minutes on a network, followed by a five minute talk on the Babson service. The result will surprise no experienced advertising man, but to have the exact figures from a recog-

nized business statistician is interesting, important.

—Editor and Publisher.

Many return cards on envelopes are cluttered up with meaningless information about the town in question. The Girard Press, of which H. W. Shideler is publisher, uses a small box beneath the return card in which are placed pertinent statistics as follows:

Population, 3,000.
Population, trade territory, 25,000.
County seat Crawford county.
Population county 59,000.
Center good farming community.
Near coal fields, east.
Near oil and gas wells, west.
Superior schools and churches.
Surfaced roads in all directions.
Good railroad connections.
Good municipal light and water plant.
Excellent gas supply by a cities service company.
Ideal site for factories.

Wondering what is to become of the small town independent merchant with the advent of chain store systems, Jack Harris in his Chanute Tribune doubts if the independent merchant's reward is to "be in heaven" alone. The small cities owe a debt to their independent merchants and after telling why they do, the Tribune editorial concludes:

The chain stores that have entered to give them new competition in recent years have helped them as well as hurt them. The nationally operated organizations have introduced new methods of merchandising, new types of retail establishments. The home town merchants have learned lessons from them. They are finding that the advantages of group purchasing are offset by the additional administrative expense of their competitors. They are confident that when the novelty has worn off and the purchasing public compares quality with quality and finds price the same, the work the home town merchant has done for his community will be the little added weight necessary to throw the balance in his favor.

H. F. Rehge, editor of the Parade, house organ of the Public Utilities Investment company of Salina, gave editors of weeklies some pertinent information at the round table session in Wichita. Mr. Rehge uses weekly papers considerably for advertising and has observed that editors are universally anxious to obtain orders for insertions but almost never show any interest in the advertiser's problems of getting results therefrom.

Among dozens of editors who have taken up advertising problems with Rehge's company, practically none have followed up a run of advertising with the question concerning results. It may not seem an important matter, Mr. Rehge declared, but it is a point which advertising managers cannot afford to overlook. After hearing Mr. Rehge put it up to them in an understandable way, those publishers who attended the round table are not likely to overlook this matter of results from advertising hereafter.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, February 12, 1930

Number 18

MANY CHAMPIONS HERE FOR FARM-HOME WEEK

TOM BAIR DECLARED BEST WHEAT GROWER

Favorable Weather and Good Roads Brought Out Nearly 1,000 Who Registered at Headquarters—Many Others Attended

Farm and home week for 1930 may be remembered as an all-around successful event but it can well be remembered particularly for the splendid weather that prevailed during the week and for the generally favorable road conditions, all of which resulted in attendance that rivaled enrolment figures of bygone years. More than 950 visitors registered at the headquarters desk, although many hundreds of others were at one or more meetings and failed to register their attendance.

From the opening poultry program at 8:30 Tuesday morning until the final announcement at the annual achievement banquet, the programs bespoke progressive agriculture. Everywhere the emphasis was upon improved production methods, better selling methods, or heaped honor upon an individual or individuals who have achieved these things and therefore were entitled to be called champions of progressive rural life.

CHAMPION FARM WOMEN

There were many of these champions given recognition during farm and home week. First there were the five master farm homemakers who were given their gold master homemaker pins at the first general assembly Tuesday evening, February 4. Included in the new group of homemakers were Mrs. P. H. Beebe, Lenexa; Mrs. H. L. Brownlee, Sylvia; Mrs. Harlan Deaver, Sabetha; Mrs. E. M. Perkins, Richmond; and Mrs. W. E. Simon, Girard.

Second to none was the honor accorded Tom L. Bair of Minneola, Clark county, when he was named wheat growing champion of Kansas for 1929. Like his three predecessors the new champion is a product of that great wheat producing region in southwestern Kansas. His prize was a silver loving cup and \$300 cash given by the Kansas City, Mo., chamber of commerce. His ability as a wheat producer won the title for Bair this year, although his interest in every branch of good farming, in the home he has built for his family, and his leadership in his community each helped to gain recognition for him.

A close second to Bair was Reuben Anderson of Sherman county. His award was \$200 cash. Tom Strath, Dodge City, won third prize and \$100.

RUSH THE CORN KING

Virgil P. Rush of Severance, Doniphan county, was recognized at an agronomy meeting as the corn production champion of the state. Rush, who many times has been mentioned in championship winnings in recent years, repeated his performance of 1926 and was named champion for 1929. His award was a silver trophy from the Kansas City, Mo., chamber of commerce.

Others ranking high in the five acre corn production contest were Frey Brothers, Manhattan, second; H. E. Staadt, Ottawa, third; Henry Bunck, Everest, fourth; and Lawrence Hoover, Junction City, fifth.

As champion corn showman on the basis of a 10 ear sample, H. C. Olsen of Hiawatha took first place and the silver loving cup. His 10 ears of yellow corn were considered slightly better than 10 ears of white corn exhibited by Clark Works of Humboldt. Ranking in the 10 ear exhibit was as follows:

Yellow corn—H. C. Olsen, Hiawatha, first; H. B. Jacobsen, Horton, second; Virgil P. Rush, Severance, third; O. J. Olsen, Horton, a brother of H. C. Olsen, fourth; and David Bieri, Bern, fifth.

White corn—Clark Works, Humboldt, first; C. W. Works, Humboldt, father of Clark Works, second; Har-

old Staadt, Ottawa, third; G. F. Rensenberger, Garnett, fourth; and Henry Bunck, Everest, fifth.

CLOUD COUNTY FIRST

Northeastern Kansas, traditionally the section of the state best adapted to corn production, bowed before Cloud county which won the county corn championship and \$300 in cash. Cloud county successfully sponsored 28 five acre corn projects.

When awards were given out on dairy day, seven trophies provided by C. W. Dingman, Topeka insurance man and Holstein enthusiast, were distributed. The awards were as follows:

For highest production by a cow in the advanced registry, H. A. Dressler, Lebo, Kan., silver trophy. Mr. Dressler also was given \$100 cash by Mr. Dingman because his cow, Dora Pearl Veeman, was the first animal in Kansas to produce more than 1,000 pounds of butterfat within a year. Her record was 1,018.5 pounds.

High cow herd, nine cows or less—Leslie Roenigk, Clay Center, with eight cows averaging 517 pounds fat. Award—silver cup.

High herd, 9 to 15 cows—Will Combs, Linn, with 13 averaging 413 pounds fat. Award—silver cup.

High herd, more than 15 cows—Ernest Raymond, Leavenworth, with 18 averaging 412 pounds fat. Award—silver cup.

Grand champion Holstein cow in Kansas—Topeka state hospital. Award—silver cup.

Grand champion Holstein bull in Kansas—Congressman J. G. Strong, Washington. Award—a plaque.

Get of sire for Kansas Holsteins—H. J. Mierkord, Linn. Award—an embossed banner.

CUP TO MONTGOMERY

Montgomery county duplicated its attendance effort of 1929 and again won the trophy. It was presented at the achievement banquet Friday night. Competitors were rated on a mileage basis, Montgomery county's 43 delegates having traveled 15,050 miles to come to Manhattan and return to their homes. Cherokee county ranked second with 16 delegates whose total mileage figure was 7,168.

At the Little American Royal Livestock show, Thursday night, time was taken to honor William Mueller and Son of Hanover, who won the statewide pork production contest last year.

In the student section of the Little American Royal the champion showmen were:

Horses—Earl Coulter, Willis.

Cattle—D. O. Smelling, West Point, Ind.

Hogs—Dave Carlson, Manhattan.

Sheep—W. C. Nicholson, Neal.

Dairy cattle—John G. Bell, Atchison, champion, and Walter P. Powers, Netawaka, reserve champion.

In the non-collegiate division winners were:

Horses, cattle, and hogs—L. J. Cunnea, Plains, first; Andrew McIntyre, Duquoin, second; Arthur E. Kloxin, Marysville, third.

High on horses—Ira Stephenson, Cottonwood Falls.

High on cattle—Wilbur Harder, Minneapolis.

High on hogs—Andrew McIntyre, Duquoin.

Four Kansas boys, all students of agriculture at K. S. A. C., won titles of champion showmen at the fitting and showing contest with dairy cattle. John G. Bell, Atchison, was champion Ayrshire showman; Walter Powers, Netawaka, champion Jersey showman; Harold B. Harper, Ft. Scott, champion Guernsey showman; and William H. Juzi, a short course student, champion Holstein showman.

Seaton to Go Abroad

Dean R. A. Seaton of the division of engineering and Mrs. Seaton plan to sail from Boston July 2, and will spend two months abroad. Dean Seaton plans to visit technical schools in Europe. Before going to Boston he will attend the annual convention of the Society for the Promotion of Engineering Education, at Montreal, June 26.

KANOTA OATS HOLDS BIG YIELD ADVANTAGE

RED TEXAS VARIETY CAN'T COMPARE WITH IT

Kansas Cooperative Tests During 11 Year Period Give Kanota a 40.1 Bushels Acre Average, Red Texas Only 30.4

Kanota oats again proved its superiority over the Red Texas variety last year in tests conducted by the Kansas agricultural experiment station. In 12 test fields scattered over eastern and south central Kansas, Kanota averaged 35.9 bushels, while Red Texas made 26.8 bushels, a difference of 9.1 bushels in favor of Kanota. The latter variety outyielded Red Texas in nine of the tests.

Comparison between these two varieties have been conducted cooperatively by farmers, farm bureaus, and the experiment station for 11 years. In this period Kanota averaged 40.1 bushels and Red Texas 30.4, a difference of 9.7 bushels in favor of Kanota.

The heavier weight per bushel of Kanota was again apparent in 1929. Its average weight was 32 pounds as compared to 27.2 pounds for Red Texas. This difference of 4.8 pounds is slightly more than the average difference for a nine year period.

Kanota ripened about a week earlier than Red Texas as it has done consistently since 1919. The difference in time of maturity may account for the superiority of Kanota, agronomists of the experiment station explained. Late maturing varieties are more often injured by high temperatures and drouths than are the early maturing ones.

HONORARY R. O. T. C. OFFICERS PRESENTED AT MILITARY BALL

Helen Durham, Manhattan, Is Honorary Cadet Colonel

Helen Durham, Manhattan, was presented as honorary colonel of the college R. O. T. C. unit at the annual military ball last Friday. Helen Sloan, Hutchinson, is honorary major of the first battalion; Margaret McKinney, Great Bend, second battalion; and Helen Laura Dodge, Manhattan, third battalion.

Honorary officers were presented and were received by the field officers.

Wrestlers Meet Ames

The Kansas Aggie wrestling team will meet Iowa State college at Manhattan Saturday night, February 15. The Wildcats have defeated Kansas and Nebraska universities and lost to Missouri. Last year the Iowa State team was Big Six champion.

Fourteen Women in Engineering Make Mere Man Wonder What Next?

Wholesale invasion of precincts once considered sacred to man has occurred in the K. S. A. C. engineering division this year. Fourteen women are taking undergraduate or advanced engineering courses. The invasion has been in progress for several years but became marked this year with enrolment of six freshman students.

Eleven of the women in engineering are taking the course in architecture. One is taking landscape architecture, one is a junior in electrical engineering, and one is taking graduate work in electrical engineering.

Donna Duckwall, Abilene, senior in architecture, is the only undergraduate who will finish her course this year, but she is not concerned with going into the profession after she graduates, as she plans to use her architectural knowledge to "build her own home."

Mary Taylor, Newton, who is taking graduate work in electrical engineering, explains her interest as follows: "There's a growing demand on the part of manufacturers of electrical appliances for the household for women salesmen who have a tech-

Crop Improvement Officers

Members of the Kansas Crop Improvement association re-elected last year's officers at their annual business meeting held here last week during the farm and home program. Those re-elected were Ed Hodgson, Little River, president; Herman Praeger, Claffin, vice-president; and E. B. Wells, Manhattan, secretary-treasurer. Board members elected are Frank Smerchek, Garnett, and J. E. Foster, Udall.

STATE TO HAVE MASTER POULTRYMEN NEXT YEAR

Kansas Poultry Improvement Association Will Sponsor Movement in Cooperation With College

Kansas has had its master farmers, its master homemakers, and its champions of other branches of agriculture. Now it is to have its master poultrymen. Members of the Kansas Poultry Improvement association meeting here during farm and home week decided that five Kansas poultrymen having outstanding flocks and practicing the best methods of management shall be selected for a master poultryman award.

Awards will be made on the basis of a score card comparison. Points to be considered will include average egg production for the year, housing conditions, feeding methods, profit per bird, control of poultry diseases, methods followed in brooding chicks, standard quality of the flock, and similar conditions. Awards are to be presented at the annual farm and home week banquet at the college in 1931. To qualify, the owner must have an accredited, certified, or "record of performance" flock, and must submit monthly reports to the extension service of the state agricultural college.

The Kansas Poultry Improvement association which sponsors this movement is an organization of Kansas flock owners who are endeavoring to produce a better grade of hatching eggs, baby chicks, and breeding stock. Each of the five master poultrymen will be awarded a silver loving cup. The cups are to be of equal value and each winner will be given equal honor.

Women Win Contest

Women made a clean sweep in the annual advertising contest conducted among the students in the department of journalism at the college by the United Power and Light company. Helen Sloan, Hutchinson, won the first prize of \$12; Lorna Schindler, Marysville, was awarded second prize of \$8; and Virginia Forrester of Manhattan won third prize of \$5.

MARKETING SCHOOL IS SCHEDULED MARCH 6, 7

THIRD CONFERENCE OF COOPERATIVE SELLING

Sam McKelvie, Representing Federal Farm Board, Will Discuss Grain Problems Opening Day—Livestock Problems Second Day

The third annual school of cooperative marketing for Kansas will be held at Manhattan March 6 and 7. Dr. W. E. Grimes, head of the K. S. A. C. department of agricultural economics, has announced. This school is conducted by the agricultural college in cooperation with Kansas farm organizations and the division of cooperative marketing of the federal farm board.

The program for the first day will deal with cooperative marketing of grain. A member of the federal board will be present to discuss policies and plans of the board in handling grains. C. E. Huff, vice-president of the Farmers National Grain corporation, will discuss the work of this national association which has been set up under the influence of the federal farm board.

Sam McKelvie, a member of the federal farm board from Nebraska, has promised to take part in the program and to be the principal speaker at a banquet on Thursday evening, March 6. Cooperative marketing of livestock will be the chief subject discussed on Friday, March 7. A representative of the Kansas Cooperative Marketing association will speak.

USE OF FARM PAPERS SUPPLEMENTS TEXTS

Seasonal Instruction Adapted to Locality Provided by Agricultural Periodicals, Prof. A. P. Davidson Says

An article, "Texts No Longer Supreme," by A. P. Davidson, associate professor of vocational agriculture at K. S. A. C., appeared in the February 8 issue of the Kansas Farmer. The article is the result of an investigation which Professor Davidson made on the use of the farm newspaper in the teaching of vocational agriculture.

"Teaching farm boys the business of farming implies seasonal instruction. One of the best mediums offering seasonal instruction is the farm press, and the vocational agriculture teachers are relying more every year on the seasonal aids available through agricultural periodicals," says Professor Davidson.

Another reason that the farm press is taking the place of the text book is because choice of the periodical gives material that is particularly adaptable to a particular section of the country, Davidson believes. The text books frequently are found to be too general in presenting material.

Some uses of the farm paper for vocational instruction are in connection with market studies, with jobs being studied by the class, in preparation for the job in connection with the individual project, in the study of and report on particular articles, and in connection with farm mechanics.

"The farm press as a teaching aid is recognized by vocational agriculture teachers in Kansas and undoubtedly is a positive factor in vocational agriculture instruction throughout the United States," says Professor Davidson.

Basketball Schedule

Dec. 18—St. Marys 18, Aggies 36.
Dec. 20—Kansas Wesleyan 19, Aggies 32.
Jan. 3—Colorado college 34, Aggies 53.
Jan. 4—Colorado college 28, Aggies 35.
Jan. 10—Nebraska 41, Aggies 39.
Jan. 13—Missouri 34, Aggies 21.
Jan. 17—Oklahoma A. & M. 35, Aggies 47.
Jan. 21—Oklahoma U. 23, Aggies 24.
Jan. 31—Iowa State 37, Aggies 21.
Feb. 1—Nebraska 42, Aggies 46.
Feb. 5—Kansas U. 29, Aggies 26.
Feb. 11—St. Louis U. 35, Aggies 28.
Feb. 14—Missouri at Manhattan.
Feb. 15—Kansas U. at Lawrence.
Feb. 21—Iowa State at Manhattan.
Feb. 24—Oklahoma U. at Norman.

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, FEBRUARY 12, 1930

THE GET TOGETHER SPIRIT

The farmer's spirit of cooperation is on trial before the country.

Will he submit to the necessary organization, will he modify his own individuality for the good of the whole class to make a success of cooperative marketing, as a solution of the most pressing farm problem before the country? Will he conform to the idea of using the generous government loans for marketing, not for production (as some would like to do) since the secret of the success of the agricultural marketing act lies in controlled selling?

Farm and Home week just ended at K. S. A. C., an event of statewide importance for many years, should have accomplished much in furthering this spirit of cooperation so needed in its larger aspects for the best good of the farmers and of the country.

It has been brought home to them in addresses—this vital fact that organization and effective cooperation will do away with the pressing obstacles in the way of agricultural prosperity and progress. Better still, it has been in the very atmosphere. Coming here as students to gather new ideas in modern and scientific farming, to seek fresh inspiration and courage—the whole get together spirit which has pervaded the course, the interchange of ideas, the value of meeting in a body to talk over common problems, must have brought home to each and every rural visitor the glorious good of cooperation.

K. S. A. C. enjoyed every minute that the farm and home visitors were on the campus. If the week's program helped even in a small measure to bring about the realization of a great economic need, it will look back with more than the customary pleasure upon the accomplishments of Farm and Home week and hope with renewed fervor that those pessimists who say enlightened cooperation is impossible among farmers, will be utterly confounded.

BOOKS

An Editor Turns Archaeologist

Quivira. By Paul Jones. McCormick-Armstrong Company, Wichita. 1929.

Through numerous comments by Kansas newspaper parographers we have come to think of the editor of the Lyons News as Admiral Paul Jones. These comments together with quotations from his own editorials have given us an interesting picture and a favorable impression of the Lyons editor. We think of him as wise and witty, scholarly and liberal, courageous and honest, a successful country editor and "Admiral of the Kansas Navy." But until "Quivira" was published only a few of the many who know of the author would have thought of him as an archaeologist.

This interesting book is a result of the fact that the author is a country editor. In the first chapter we are told that "A horse being ridden across a soft, plowed field, four miles west of Lyons, Rice county, Kansas, stepped through an earthen pot of evident ancient manufacture. The newspaper at Lyons was notified and a story followed. The editor turned amateur archaeologist. . . ." For about two years he explored sites, studied books of history and archaeology, interviewed professional ar-

chaeologists and old settlers. Then he wrote this narrative of the expedition led by the Spanish general, Coronado, in 1540-42, from old Mexico to the kingdom of Quivira, whose capital was situated in what is now Rice county.

The narrative has the virtues of a good newspaper story without the faults commonly found in newspaper writing. It is clear, forceful, and non-technical. There is no evidence of haste or carelessness or of a desire to over-exploit the unusual as there so commonly is in newspaper writing. The reader gets a clear picture of the grandiose departure of Coronado's expeditionary army; of the army's laborious trek across the unexplored deserts and plains; of the hardships and disappointments experienced; of the aborigines and their modes of living; of the major items of the native flora and fauna of the country traversed and of the rather pathetic return of the expedition. A sketch map shows the route followed from old Mexico to the present site of Lindsborg and back to old Mexico. The 25 chapters in the book's 182 pages are adorned with about 50 excellent illustrations.

Many interesting things about Kansas and her people 400 years ago are described. "The country itself," Coronado is quoted as saying, "is the best I have ever seen for producing all the products of Spain. . . . I found prunes like those of Spain and nuts and very good sweet grapes and mulberries." The native people—the Quivirans—were large and athletic, some of the men being seven feet tall. In some respects the natives anticipated the fashions of modern Kansans: the men oiled their hair and the women bobbed theirs and wore short skirts and sleeveless shirts. The Quivirans had a diversified dietary including grains, vegetables, fruits, and meats; but, curiously, milk (obtainable from the buffalo) and fish were taboo. Migrations of birds and the flowering and fruiting of native plants served as the calendar of Quivira. The Quivirans had art, medicine, agriculture, morals, commerce, religion, and government; a civilization which they found quite sufficient.

It is worth while for present-day Americans to learn or to refresh their memories of the Coronado chapter of the history of the southwest. To read "Quivira" is a pleasant way of doing it.

—F. D. Farrell.

GOVERNMENT PRESS AGENTS

Government propaganda got its big start during the war when the most advanced press agent methods were applied by the government itself to stimulate war morale. Government officials learned a good deal from that experience. Practically every government department installed a press agent and some of them have held onto the practice since. These government press agents are a much maligned group. Some of them are justly condemned for attempting to set themselves up as censors of their departments. The majority, however, are valuable assistants. They see that their cabinet officials prepare advances of their important speeches and supply them to the press. They can often get routine information desired by correspondents much more quickly than correspondents could themselves. They save the time of government officials and on minor matters can answer the inquiries of a dozen correspondents instead of having the cabinet officer interrupted that many times.

When a correspondent has an urgent matter which he must discuss with the cabinet official, a good departmental press agent will facilitate his getting a conference. Government press agents become vicious only when they attempt to seal up information, to prevent correspondents going to first hand sources on important matters, and try to talk correspondents out of writing critical dispatches or in digging up desired information. We have found little trouble of this kind. A press agent who undertakes to overstep his function in this regard soon finds himself reported by the correspondents to his superior and those matters usually adjust themselves quickly. —Raymond Clapper in News, A Magazine of International Journalism.

For as lack of adornment is said to become some women, so this subtle oration, though without embellishment, gives delight. —Cicero.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Mrs. Maude (Harris) Gaston, '08, was living in Philadelphia where she and Mr. Gaston had recently moved from Chicago.

H. A. Ireland, '07, was government agriculturist on the Uncompahgre valley reclamation project. Mr. Ireland and Mrs. Myrtle (Kahl) Ireland, '07, were living at Montrose, Colo.

Prof. O. B. Whipple, '04, who for 10 years was horticulturist at the

senior class were designing a four-horsepower engine.

P. H. Rader, who had been employed in the college shops for the preceding two years, left for Kansas City to work for the Webber Gas Engine company.

FORTY YEARS AGO

J. C. Welch, f. s. in 1877-80, was a student in Stockton academy.

R. A. Clark, f. s. in 1889, wrote from Oberlin, Ohio, where he was attending the conservatory of music.

A. A. Mills, '89, Susan W. Nichols,

The Land Grant Colleges Led

F. D. Farrell

The system of land grant colleges, of which K. S. A. C. is a part, probably is the most conspicuous large scale example in the world of the development of a system of collegiate education in response to a specific public demand. When the original land grant college act was passed in 1862 virtually all the colleges in the country were of the old fashioned classical type. They concerned themselves with helping people to learn how to live and took for granted people's ability to earn a livelihood. They cared little or nothing for industrial expansion and economic development. They were interested only mildly, if at all, in the education of people who work with their hands and as Ecclesiasticus said, "maintain the fabric of the world." The original land grant college act provided for a distinctively different type of collegiate education; a type that would be neither entirely classical nor entirely vocational but would include something of both. The act specifies that the leading object of each land grant college shall be, "Without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, . . . in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life." The aim of the land grant colleges has been to combine the two types of education, the one helping people to learn how to live and the other helping them to learn how to make a living.

In the beginning this type of education was viewed contemptuously by most old fashioned classical educators. But, as the land grant colleges grew in strength, usefulness, and public esteem the old style institutions have been forced to recognize the land grant institutions, and large numbers of old fashioned schools have attempted imitation. Our oldest college, Harvard university, for example, has established a very large and very fine school of business administration. The same institution not very long ago seriously considered the establishment of a school of agriculture. Most of the oldest and best classical institutions in the country have established schools of mechanic arts (engineering) and many of them now have schools of home economics, forestry, industrial chemistry, etc. The land grant colleges led and scores of other collegiate institutions have followed in the attempt to supply the public with the type of education that the age demands.

I am convinced that there is a growing dissatisfaction in the public mind with America's intense economic and industrial preoccupation; that many people who have paid attention only to the problems of earning a livelihood are discovering that they have made a mistake in not paying attention also to the problems of learning how to live. The essential requirement in this situation is the same as that which was recognized by some of the Greek philosophers, namely, that each individual and each civilization should undertake to find and to maintain a satisfying balance among its various interests and activities. This, essentially, is the ideal of the land grant college and has been from the very beginning, as was clearly indicated in the original land grant college act of 1862.

Montana state college, resigned to take up the management of a large general farming corporation near Grand Junction, Colo.

TWENTY YEARS AGO

J. M. Westgate, '97, was the author of "Variegated Alfalfa," a bulletin of the bureau of plant industry.

A. B. Carnahan, '05, was elected teacher of mathematics and science in the high school at Gilbert, Minn., where he had been since the first of the year.

F. C. Sears, '92, professor of pomology, Massachusetts Agricultural college, appeared on the program at a meeting of the New Jersey state board of agriculture with a paper on "Western Methods in Eastern Orcharding."

THIRTY YEARS AGO

Fred G. Kimball, '87, was in the postal service at St. Michael's, Alaska. The engineering students of the

'89, and Abbie L. Marlatt, '88, graduate students, substituted in the classes of several departments.

FIFTY YEARS AGO

Miss M. E. Sickels was elected president of the Alpha Beta society to fill the vacancy left by E. P. Coleman. Included in the program given at the meeting were a declamation by J. T. Willard on "The Human Mind," an essay by Miss Mason on "Social Intercourse," and a reading by Miss Peckham, "The Launch of the Ship."

A scientific society was formed at the college and the following officers elected: Professor Failyer, president; A. Beacham, vice-president; D. S. Leach, secretary; Professor Popenoe, corresponding secretary; N. A. Richardson, treasurer; Warren Knaus, librarian; and E. A. Popenoe, I. D. Graham, and N. A. Richardson, members of the executive committee.

AUTUMN LEAF

Iduna Bertel Field in "The Harp"

Just now
I felt a touch of grief . . .
It was a whirling russet leaf—
No more.

SUNFLOWERS

H. W. D.

FOR OLDER EARS ONLY

We have reached a stage of civilization, or something, in which we consider it wise now and then to take a vacation from our jobs, our old home towns, our friends, even our families.

There is one more step to take. If everybody is willing, we can extend the meaning of "vacation" to include a getting away from ourselves.

It is generally granted that environment of any sort or any complexity is debilitating as soon as it becomes monotonous. And the more complex the environment, the sooner it reaches the point of minus returns.

What or who is so tiresome as one's own self? Let echo answer. Honestly now, who is there that really bores you half as much as you yourself do?

A long time ago old Mother Nature arranged to relieve us from the environment of self for a third or so of the twenty-four-hour day. She created sleep, and even protected us in dreams by giving us only distorted images of ourselves.

But sleep, like everything else, is good only as far as it goes. In the old days—before introspection and salesmanship and service and deferred payments and the economic independence of women broke in upon us—sleep did a pretty fair job of restoring us to normalcy.

With the coming of flaming youth and the radio and other things, however, sleep has begun to show symptoms of inadequacy—as what has not? The pressure of modernity has become so great that a mere six or eight hours of unconsciousness doesn't at all get a fellow back to where he was the morning before.

Consequently, man has turned to other and less restorative forms of unconsciousness. Dope and alcohol, the talkies, joy rides, annual conventions, luncheon-club horse-play, country clubs, and night clubs, dancing to jazz bands, week-ends, and Amos 'n Andy are all substitutes for unconsciousness. They are evidence of man's mad scramble to take a vacation from himself.

And let's be honest enough to admit they are making a rather sorry out of the job. We're getting everywhere instead of somewhere.

Perhaps it wouldn't be a bad idea to let little children take us by the hand and lead us out of our delirium. When children begin to pall upon themselves, they solve the problem pronto by play-acting. They become papa and mamma, horse-thief, officer of the law, ugly beast or sleeping beauty—openly and unashamed. They get relief in the only way it can be got—by being someone else.

I have a fool notion that the age of Elizabeth should be revived, at least as far as interest in mumming and Maypole dancing and all sorts of play-acting is concerned. Everybody should hurl himself into some other personality frequently and utterly naively, as everybody used to do before humanity became so absurdly conscious of itself.

Of course, we cannot all go to Hollywood and crash the talkies. But we can do a lot to resuscitate and stimulate legitimate drama, both professional and amateur.

Be yourself. Of course. Most of the time. But now and then be somebody or something else. Give your all-absorbing ego the slip and the "ha ha" at least once before it makes a corpse of you. If you can't do it any other way, go play "house" with the kiddies.

In the best of possible worlds the chateau of monseigneur the baron was the most beautiful of chateaux, and madame the best of possible baronesses.

—Voltaire.

AMONG THE ALUMNI

Ross H. Anderson, '30, is teaching in the high school at Peabody.

The address of G. Edward Marshall, '29, is Box 491, Orlando, Fla.

Winifred Johnson, '05, Solomon Rapids, writes that she is enjoying the southern California climate at Huntington Park, Calif.

Dr. Daniel DeCamp, a veterinary graduate with the class of '29, is employed by the United States bureau of animal economics, in Wichita.

Kenneth D. Hall, f. s., who is now with the Swallow Airplane company at Wichita, was a campus visitor between semesters. Hall is engaged in design work on airplanes.

Charles E. Morgan, who was graduated at the end of the first semester of this school year, is now taking work on his master's degree at Columbia university, New York City.

Jessie Stewart, '29, has accepted a fellowship at K. S. A. C. for this semester to work toward her master's degree in institutional economics. Since September Miss Stewart has been in Kansas City as manager of one of Myron Green's Snack shops.

Mrs. Laura (Falkenrich) Baxter, '15, is teaching part time in the domestic science department of the Manhattan high school and is doing part time work in the department of education at K. S. A. C. as instructor in home economics education. She will supervise practice teaching classes.

Erwin J. Benne, '28, formerly instructor in the Manhattan high school chemistry department, has accepted the position left vacant by the resignation of R. L. Pycha from the K. S. A. C. chemistry faculty last spring. O. B. Reed, '22 and '28, will teach chemistry and physics in the high school, taking Benne's place.

MARRIAGES

McCAMMON—GILBERT

Edith McCammon and Glen Gilbert, both former students of K. S. A. C., were married December 24 in Platte City, Mo. They are at home in Kansas City, Mo.

STOCKER—FORRESTER

Mr. and Mrs. Ernest W. Stocker of Concordia announce the marriage of their daughter, Gladys, f. s., to Addison Forrester, '24, which took place in Kansas City January 16. Mr. and Mrs. Forrester will make their home in Norton. Mr. Forrester is a representative of the B. F. Goodrich company.

SHULTICE—BREDEHOFT

The marriage of Marjorie L. Shultice, f. s., Topeka, to Harold A. Bredelhof, '27, New York City, took place January 24 at the Little Church Around the Corner in New York City. They are at home at 42 Sidney place, Brooklyn, N. Y. Mr. Bredelhof is connected with the New York laboratories of the Bell Telephone company.

CROSS—PETTY

Mr. and Mrs. O. N. Cross, Manhattan, announce the marriage of their daughter, Marian, f. s., to Lieutenant Dick Royal Petty of the air corps stationed at Fort Riley. The ceremony was performed at Marysville by the Baptist minister January 25. Mr. Petty is a graduate of the aviation school at Kelly Field, San Antonio, Tex. Mr. and Mrs. Petty are at home in Fort Riley.

BIRTHS

Clarence O. Jacobson, '28, and Mrs. Jacobson, of Manhattan, are the parents of a son, Phillip Duane, born January 12.

J. W. Skinner, '23, and Marjorie (Fisher) Skinner, '23, of Wamego, are the parents of a son Joe William, Jr., born January 31.

Werner J. Blanchard, '24, and Mrs. Blanchard of Long Island, N. Y., announce the birth of a daughter, Eunice Aileen, January 17.

Abner L. McGehee and Ida (Conrow) McGehee, '26, of Route No. 1, Manhattan, announce the birth January 19 of their son, Richard Conrad McGehee.



MRS. FRANK W. BOYD

Mrs. Frank W. Boyd, '02, Phillipsburg, was elected president of the Women's Kansas Day club at its annual meeting in Topeka January 29. She is a member of the executive council of the college alumni association.

AGGIES AND JAYHAWKS MEET ON KANSAS DAY

Joint Meeting of K. S. A. C. and K. U. Alumni in Philadelphia Proves Enjoyable and Peaceful

By Marjorie (Melchert) Miller, '23

K. S. A. C. alumni of Philadelphia, Pa., and vicinity held their annual Kansas day meeting with the Kansas university alumni at the Pennsylvania hotel January 29. The custom of having a joint Kansas day meeting has developed the last few years and is a very enjoyable affair. We are far enough away from home that any Kansan looks good to another even though one be an Aggie and one a Jayhawker.

The group assembled at 7 o'clock and enjoyed dinner together. There were 66 present, 28 of whom were of the Aggie camp. A program of music, talks, and a stunt followed. Cliff Stratton, '11, who is now Washington correspondent for the Capper publications, was a guest and was the principal speaker.

The following is a list of K. S. A. C. alumni as we have it who live in and around Philadelphia:

Rose T. Baker, '17, 216 N. Thirty-fourth street, Philadelphia; L. S. Bailey, '28, General Electric company; Neva Betz, '24, Philadelphia Baby hospital; P. J. Edwards, '29; L. S. Hobson, '26, General Electric company; Captain Emmett Skinner, '16, and Ruth (Adams) Skinner, '16, United States Marine corps, Philadelphia navy yard; Erma Coleman, '29, Philadelphia general hospital; Helen Paynter, '28, Philadelphia general hospital; John Yost, '26, General Electric company; Paul L. Fetzer, '20, and Mrs. Fetzer, 404 Tasker avenue, Ridley Park, Pa.; L. E. Gaston, f. s., and Maude (Harris) Gaston, '08, 53 Hampden Road, Upper Darby; A. H. Ganshird, '15, and Mrs. Ganshird, 218 Leon avenue, Norwood; Ernest F. Miller, '25, and Marjorie (Melchert) Miller, '23, 736 Ninth avenue, Moors; J. P. McGregor, '29, 731 Summit avenue; John Rathbun, '16, and Charlotte (Hall) Rathbun, '17, 1518 Carlisle avenue; N. J. Simpson, '24, 908 Eleventh avenue; H. F. Yoder, '28, 731 Summit avenue; J. H. Spurlock, '28, State Office building, Trenton, N. J.; Ernest F. Stalcup, '22, 133 President avenue, Rutledge, Pa.

The above were present at the meeting. Other Aggies in Philadelphia and vicinity are:

Henrietta (Willard) Calvin, '86, 1730 Spruce street, Philadelphia; Lloyd H. Downing, '23, 2032 N. Carlisle street; R. B. McIlvain, '25, and Mrs. McIlvain, 7339 Buist avenue; Clara Pancake, '03, Philadelphia Normal; Dr. Nellie H. Payne, '20, Thirty-eighth street and Woodland avenue; Gustav P. Toews, '18, and Mrs. Toews, Naval aircraft factory; William W. Weaver, '22, University of Pennsylvania, Logan hall; Frank J. Worster, 4700 Sansom street, Apt. B-10; Carl S. Breese, '12, 15 Hinkson boulevard, Ridley Park; Gerald C. Marrs, '23, Simon Apts., 100 W. Main street, Norristown; Donald J. Mosshart, '21, and Irene (Conroy) Mosshart, '23, 126 N. Wycombe avenue, Lansdowne; Mrs. H. J. Potts, '20, 85 S. Lansdowne avenue; L. R. Sellers, '24, and Vida (Baker) Sel-

lers, '24, 503 Gordon avenue, Narberth; Raymond H. Whitenack, '16, and Verda (Harris) Whitenack, '16, Box 116, Yardley; Alice T. Marston, '24, 810 Harrison street, Wilmington, Del.; R. W. Sherman, '24, 23 Harrison avenue, Erlton, N. J.

Philadelphia alumni expect to have another Aggie meeting this spring.

LOOKING AROUND

KENNEY L. FORD

Forty-seven K. S. A. C. alumni and friends of the college attended the annual farm and home week alumni luncheon in the college cafeteria Thursday noon, February 6, with Ralph Snyder, '90, president of the alumni association, presiding.

Among those present were: John S. Wood, '16, Clifton; Clara (Deaver) Thompson, '14, Sabetha; C. G. Elling, '04, Manhattan; Henry B. Bayer, '16, Manhattan; R. W. Tulloss, '28, Ottawa; E. H. Teagarden, county agent, '20, St. John; G. M. Reed, '25, Seneca; J. H. Coolidge, '25, Cimarron; G. D. Stockwell, '23, Leonardville; Mrs. G. D. Stockwell, f. s., Leonardville; H. G. Roots, '11, Wamego, district manager of Mutual Life of N. Y.; J. R. Johnson, Wichita, with the Kansas Farmer.

W. E. Grimes, '13, K. S. A. C.; Ethel (Roheberry) Grimes, '14, Manhattan; M. A. Durland, '18, assistant dean, engineering, K. S. A. C.; Floyd Pattison, '12, home study service, division of extension, K. S. A. C.; Ralph Snyder, '90, Manhattan; Mrs. Ralph Snyder, Manhattan; Edith (O'Brien) Rosevear, '11, Iola, home demonstration agent of Allen county; R. L. Stover, '27, Lincoln, county agent Lincoln county; Mabel R. Smith, '26, home demonstration agent, Girard; George S. Atwood, '24, Jetmore, county agent; Grace Herr, '22, home demonstration agent, Fort Scott.

Iva L. Holladay, '29, home demonstration agent, Leavenworth; A. F. Turner, '05, extension division, K. S. A. C.; A. L. Clapp, '14, agronomy specialist, K. S. A. C.; Mrs. A. L. Clapp, Manhattan; R. A. Seaton, '04, dean of engineering, K. S. A. C.; L. M. Jorgenson, '07, electrical engineering department, K. S. A. C.; Ada Rice, '95 and '12, English department, K. S. A. C.; Helena (Pincumb) Symms, '01, Atchison; Mary E. (Haise) Wright, '26, Russell; Floyd Wright, '25, Russell; H. A. Praeger, '08, farmer, Claffin; Kenney L. Ford, '24, secretary, K. S. A. C. alumni association, Manhattan.

S. W. Honeywell, '20, is with the Commonwealth Power corporation at Jackson, Mich.

A. R. Loyd, '25, is rural service engineer with the Kansas Gas & Electric company, Wichita.

Dr. C. R. Omer, '29, is with the United States bureau of agricultural economics doing poultry inspection work in Wichita.

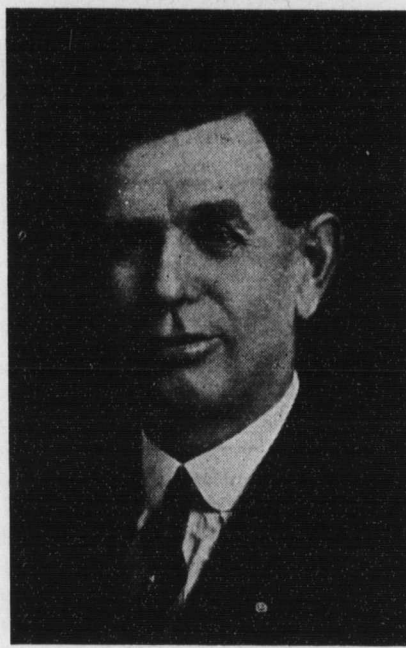
Captain Gerald W. Fitzgerald, '16, formerly a member of the K. S. A. C. faculty, who last summer was transferred to Washington, D. C., has completed a course in the army medical center there and has been ordered to report for duty in the suregon-general's office in Washington.

January, Now Happily in the Past, Set Some New Cold Weather Marks

January, 1930, will be looked back upon pleasantly only by the coal men and the overcoat salesmen.

The average temperature of the month, taken from the college weather records, was 16.5 degrees, which is the coldest in 44 years and the third coldest in the history of the college weather bureau. In 1886 the average was 12.35 degrees and in 1875, 15.5 degrees. The January average of 16.3 degrees was 10.5 below normal temperature.

Zero temperatures were hit on 13 days, which equalled the record set in 1918. Nine consecutive days had zero temperatures, or one less than the record of 10 made in 1892. The mean maximum for the month was 27.12 degrees as compared with the



RALPH SNYDER

Ralph Snyder, '90, president of the K. S. A. C. alumni association, is a candidate for the Republican nomination for United States senator, short term. Snyder is president of the state farm bureau.

K-AGGIES OF MICHIGAN HOLD DETROIT REUNION

Forty-one Attend Winter Alumni Association Meeting—Next Gathering Planned for July

By J. C. Christensen, '94

The Michigan K. S. A. C. alumni association held its winter reunion at the College club in Detroit February 1. Forty-one alumni, former students, and friends assembled and had a very successful meeting. Short talks were made by George R. Elliott, '11, M. D. Laine, '22, Charles W. Melick, M. S. '06, C. H. Myers, '20, Mary F. Reed, '28, V. E. Whan, '22, and R. H. Wilson, '09.

The following persons were present at the reunion:

H. O. Bennett, '25, and Mrs. Bennett; Belle (Bush) McDonald, '23; J. C. Christensen, '94; Ruth (Dalton) Aldrich, f. s.; G. F. Aldrich; Earl Domoney, '22; Margaret (Hawbaker) Domoney, '21; Myrtle Dubbs, '23; Minnie Dubbs, '19; George R. Elliott, '11; Margaret (Stone) Elliott, f. s.; H. V. Fleming, '23; G. F. Gfeller, '20; Elfrida Hemker, '23.

Mary L. Hoover, '14; Helen L. Humphrey, '28; M. D. Laine, '22; Elizabeth (Coons) Laine, f. s.; Helen McDonald, '23; Charles W. Melick, M. S. '06; Archie L. Morgan, f. s.; C. H. Myers, '20, and Mrs. Myers; Lenora (Nicolay) Frank, f. s.; Margaret E. Raffington, '24; H. M. Randels, '28; Mary F. Reed, '28; Thomas E. Rodgers, '28; Dorothy (Sheets) Rodgers, '27; Dorothy N. Rosenbrough, '26; Dorothy Stahl, '27; Cassie (Tanner) Heydenbush, '12; R. D. Heydenbush; Vesta M. West, '27; V. E. Whan, '22; H. L. Whitt, '22, and Mrs. Whitt; R. H. Wilson, '09; Mary H. (Haney) Wilson, f. s.; Esther Wright, '21.

The next reunion will be held during the summer, probably in July. The officers of the association are: J. C. Christensen, '94, University of Michigan, Ann Arbor, president, and Esther Wright, Henry Ford hospital, Detroit, secretary.

Joseph G. Tustison, '26, is district manager of Electrical Research Products, Inc., with headquarters in Denver, Colo.

RECENT HAPPENINGS ON THE HILL

Faculty quartets and trios will be used as part of the Go-to-College team activities of the Y. M. C. A. this year.

"Holiday," a three act comedy, was presented by the Manhattan Theatre January 31 and February 1 in the college auditorium.

Dorothy Porter, Lyons, a freshman in the department of physical education, was severely injured January 31 in an automobile accident.

"The Emperor Jones," a tragedy by Eugene O'Neill, will be the next production of the Manhattan Theatre. Tryouts are now being held.

As a part of the Farm and Home week program the women of Riley county farm bureau entertained the visiting farm women with a tea at Van Zile hall February 5.

A new matron's office has been built for the women's physical education department and the room formerly used by the matron will be converted into a class room.

Rabbi Samuel S. Meyerberg, of the Congregation B'nai Jehudah, Kansas City, spoke at student forum at noon Wednesday, February 5, in Thompson hall. He discussed armaments and world peace.

Members of the Kappa Sigma fraternity were placed under quarantine for scarlet fever Thursday, February 6. Hill Thurman of Plattsburg, a member of the fraternity, is ill with scarlet fever at the college hospital.

C. W. Meagher, Wamego, sophomore in industrial journalism, died at the home of his mother, Mrs. F. H. Hutchinson, in Wamego, February 6. Members of the K. S. A. C. chapter of Kappa Sigma attended the funeral services in Wamego February 9.

James Bonfield, Elmo, was installed as president of the local chapter of Pi Kappa Delta, national forensic fraternity, at the regular meeting Tuesday night, February 4. Frances Wagar, Florence, is the new vice-president and Gertrude Brookens, Westmoreland, is secretary and treasurer.

Omicron Nu, national home economics honorary fraternity, held special initiation services Thursday afternoon, February 6, for Dr. Florence Justin. Doctor Justin, a graduate of K. S. A. C. and a sister of Dean Margaret Justin of the division of home economics, stopped in Manhattan on her way to Ohio where she has accepted a position in the state university.

Four places in the Kansas City Athletic club invitation track meet in Kansas City last Saturday were won by Kansas Aggie representatives. The two mile relay team was second to Iowa State college; Milton Ehrlich, Marion, was third in the high jump; Wallace Forsberg, Lindsborg, was fourth in the Shannon Douglas cup race of 600 yards; O. L. Toadvine, Dighton, was second in the two mile.

Dairy Association Officers

Each of the Kansas Dairy Breed associations held business meetings on dairy day of Farm and Home week and elected the following officers:

Jersey club—Ed Taylor, Keats, president; Roy Gilliland, Denison, vice-president; D. L. Wheelock, Clay Center, secretary.

Holstein-Friesian—Ed Miller, Junction City, president; H. J. Mierkord, Linn, vice-president; Dr. C. B. Van Horn, Topeka, secretary.

Guernsey club—Paul R. Johnson, Independence, president; F. D. Smith, Washington, vice-president; Max Morehouse, Salina, secretary.

Ayrshire club—Fred Williams, Darlow, president; J. W. Linn, Manhattan, vice-president; David Page, Topeka, secretary.

The Kansas State Dairy association elected D. L. Wheelock, Clay Center, president; George Worth, vice-president; and W. H. Riddell, K. S. A. C., secretary-treasurer.

K. U. IS VICTORIOUS IN GREAT COURT GAME

ALL OF KANSAS THAT COULD GET IN SEES BATTLE

Governor Reed Honor Guest at First Meeting of Kansas Teams This Season—Jayhawk Marksmanship Proves Superior

The Kansas Aggie basketball team lost to St. Louis university last night 35 to 28. The score was tied at the half 17 to 17 and the game was very close up to the middle of the third quarter, when the Aggies lost track of the basket for a time. The St. Louis team has won 16 out of 20 games this year.

All of Kansas that could pack itself into Nichols gymnasium saw the University defeat K. S. A. C. 29 to 26 in a basketball game last Wednesday night. Most of the rest of Kansas was hanging on its radio dials and alternating between joy and gloom as its favorite team went ahead or fell behind.

The score of that memorable battle was tied eight times, and 12 times the lead changed. Once, in the first half, the Wildcats held a four point advantage, but Thomson started hitting and just before the period ended the Jayhawk went ahead, 15 to 13. Ray (Rusty) Russell fired a shot from center which just beat the timer's gun, however, and it was good to tie the score at 15 all.

LEADERSHIP FLUCTUATES

In the second half Cox sent the university ahead with a long basket which Captain Richardson of K. S. A. C. duplicated almost immediately. The Wildcats went in the lead on Silverwood's basket, but Thomson again tied the score. From then on until the last five minutes the score fluctuated. Thomson's goal put K. U. ahead 27 to 25 in the last five minutes. Richardson's basket made it 27 to 26, but the Wildcats were forced to foul in getting possession of the ball, and two of the shots were made good, giving the K. U. team a 29 to 26 lead at the finish.

Inability of either Cronkite or Nigro to maintain even a speaking acquaintance with Lady Luck in the matter of basket shooting cost the Wildcats several shots which rolled in and then rolled out again. The university showed remarkable accuracy in passing and shooting.

BAUSCH FORCED OUT

James Bausch, university center, was forced to leave the game after less than two minutes because of an ankle injury. In the two tips in which he participated he was out-jumped by Cronkite, Aggie sophomore.

Official attendance figures were given at 3,050, and several hundred persons were turned away.

Governor Clyde M. Reed of Kansas was honor guest at the game, and was cheered by the crowd.

M. F. (Mike) Ahearn, director of athletics, said it was one of the best basketball games he ever saw. L. E. Edmonds, one of the officials, concurred. The victory left the university undefeated this season.

For the list of those who "starred," see the box score, as follows:

K-Aggies (26)			
	G.	FT.	F.
Nigro, f	2	0	1
Russell, f	1	0	3
Silverwood, f	1	0	1
Cronkite, c	1	0	4
Freeman, c	0	0	0
Richardson, g (c)	4	3	0
Auker, g	2	0	1
Fairbank, g	0	0	1
Totals	10	6	11

Kansas U. (29)			
	G.	FT.	F.
Thomson, f	4	0	2
Bishop, f	5	3	0
O'Leary, f	0	0	1
J. Bausch, c	0	0	0
Ramsey, c	0	0	0
Cox, g	3	0	1
Page, g, c	1	0	2
F. Bausch, g	0	0	1
Totals	13	3	7

Technical foul: Thomson.
Referee—E. C. Quigley, St. Mary's; umpire, L. E. Edmonds, Ottawa.

Give Swimming Test

The examiner's training course in swimming will be given in the men's swimming pool of Nichols gymnasium February 24, 25, and 26, with Ned Campbell in charge. Campbell is field representative for the American Red Cross.

The spans of American bridges have increased from 520 feet in 1884 to 4,000 feet now under construction across San Francisco bay.

Big Six Scores

(Games in the conference, only)

Kansas U. 29, K-Aggies 26.
Kansas U. 27, Nebraska U. 20.
Nebraska U. 47, Oklahoma U. 37.
Missouri 43, Iowa State 34.

GAMES THIS WEEK

Feb. 14—Missouri vs. K-Aggies at Manhattan.
Feb. 15—Missouri vs. Nebraska at Lincoln.
Feb. 15—Oklahoma U. vs. Kansas U. at Lawrence.
Feb. 17—Oklahoma U. vs. Iowa State at Ames.
Feb. 18—Kansas U. vs. K-Aggies at Lawrence.

TRACK TEAM MEETS K. U. FRIDAY IN KANSAS CITY

Wildcat-Jayhawk Indoor Dual in Convention Hall

A dual indoor track meet between those two ardent and ancient rivals, the Kansas State Agricultural college and the University of Kansas, will be held Friday night in Convention hall, Kansas City, Mo., according to arrangements completed last week end by M. F. Ahearn, director of athletics at K. S. A. C., and Dr. F. C. Allen, of the University of Kansas.

The meet was to have been between Missouri and Kansas universities, but the two schools could not agree on whether the meet should be held Friday or Saturday night, and it was cancelled. Brutus Hamilton, track coach at K. U., and Ward Haylett, of K. S. A. C., discussed the possibility of a Wildcat-Jayhawk meet while they were in the Kansas City Athletic club meet in Kansas City last Saturday.

The proposition was put up to the respective athletic directors, who agreed on the date.

A dual indoor meet between the two big state schools of Kansas formerly was held annually but was abandoned because of inadequate facilities.

The Kansas Aggie squad for Friday's meet is as follows:

50 yard dash—H. W. Hinckley, Barnard; H. A. Elwell, Hutchinson; Major Bliss, Minneapolis.
50 yard high hurdles—A. D. Fornelli, Cherokee; Kermit R. Huyck, Morrowville.
50 yard low hurdles—A. D. Fornelli, Cherokee; Marvin Morgan, Manhattan.
440 yard dash—C. M. Kopf, Beverly; H. A. Elwell, Hutchinson.
Half mile run—Captain H. S. Miller, Kansas City, Wallace Forsberg, Lindsborg; Elmer Black, Utica.
Mile run—Captain Miller; J. C. Carter, Bradford; Wallace Forsberg.
Two mile run—Lee Toadvine, Dighton; J. C. Carter; Wallace Forsberg.
Pole vault—J. W. Jordan, Claffin; H. A. Coleman, Denison.
Shotput—H. R. Williams, Valley Falls.
High jump—Milton Ehrlich, Marion; O. H. Walker, Junction City.
Quarter mile relay—C. M. Kopf, H. A. Elwell, Major Bliss, C. E. Nutter, Falls City, Neb.; Lud Fiser, Mahaska; H. R. Williams, H. A. Coleman, H. W. Hinckley.

PROGRESS OF KANSAS PRESS

F. E. C.

The Hugoton Hermes has just started Volume 43, which is getting pretty old for a country paper so far "out west."

M. T. Paehne has leased the Ford Progress from Horace L. Fry. Mr. Paehne has published the Minneola Record for the last two years.

The "red head" sale bill season is here and the Holton Recorder in its issue of February 6 had 11 sale ads, each about three columns, 10 inches.

For a paper packed with advertising, consider C. W. Hamilton's Solomon Tribune. Hamilton gives his readers a breezy little newspaper and the merchants reciprocate with generous support.

If you think W. K. Henderson, the "hello world" man who knocks chain stores, hasn't got some attention, study a number of Kansas papers and see how many are discussing this chain store question with references to the KWKH man. About one out of every two papers comments on the situation editorially.

B. H. Dieker has an annual "paper day" for his Hanover Democrat, and so he won't forget it from year to year the date is always the same—Kansas day, January 29. On this day subscribers may purchase the Democrat for \$1 per year in advance, 50 cents less than the usual rate. It is the only day in the year when they are given a bargain on the Democrat and paper day in Hanover has come to be a tradition. Editor Dieker puts emphasis on the "in advance" provision. The Democrat recently

CONFERENCE LEADERS COMING FRIDAY NIGHT

MISSOURI TIGERS NEXT KANSAS AGGIE BASKETBALL OPPONENTS

Columbia Team has Perfect Percentage in Conference with Five Victories—Kansas U. Also Undefeated in Four Big Six Games

Missouri university, pace setters of the Big Six conference, will be the foe of the Kansas Aggie basketball team Friday night, February 14. The Wildcats have been practicing for more than a week on Missouri plays, and have had the St. Louis game intervening to keep them up to form.

Missouri is tied with Kansas university for the conference leadership, both teams having a perfect percentage, but the Tigers have won 5 games and K. U. four.

The Aggie starting lineup probably will be Richardson and Auker, guards; Nigro and Russell, forwards; and Cronkite, center.

WOMAN ULTIMATE CONSUMER, FARRELL TELLS HOMEMAKERS

K. S. A. C. President Suggests Six Tests for Buying

"Woman is the ultimate consumer," President F. D. Farrell said in his address before the home economics division of Farm and Home week, Friday, January 7, at 2 o'clock in Calvin hall.

"To a great extent consumption of goods is influenced by women," he said. "The influence of women upon the quantity and quality of goods consumed increases as the country grows older and as our mounting surplus of economic wealth gets us farther away from the place at which we could buy only the bare necessities, and as an increasing proportion of our expenditures is used to buy what a pioneering people would regard as luxuries and semiluxuries. Woman is the ultimate consumer in the sense that she exerts a dominating influence in determining what goods shall be consumed."

The world's economic thought has been concerned mostly with the production and distribution of goods, and to the interests of producers and distributors, President Farrell commented. Economics of consumption and the interests of consumers have more recently been emphasized.

President Farrell said that the need and opportunity to choose carry with them the penalties of unwise choosing. Sales resistance is necessary for one to buy intelligently.

President Farrell suggested six

practical tests for homemakers in making consumers' choices, as follows:

Would the possession of the article in question promote the health of my family?

Would it add to the comfort of my family?

Would it increase the beauty of our surroundings?

Would it give wholesome pleasure to the members of my household?

Is it the least expensive of its kind available, quality considered?

Can we pay for it?

Concerning these questions, President Farrell said, "In general I should say that the article should not be purchased if the answer to these six questions is 'no.'"

COLLEGE POWER PLANT DAMAGED BY EXPLOSION

Faulty Reducing Valve Lets Too Much Gas Into Furnaces—Three Men Are Hurt

A gas explosion which caused several hundred dollars worth of damage and forced the college power plant to shift temporarily from gas burners to oil burners occurred last Thursday shortly after 1 o'clock. Three men were burned painfully but not seriously in the explosion.

The trouble had its origin in faulty operation of a reducing diaphragm or valve in the small structure of the Kansas Pipe Line and Gas company near the college baseball field. An explosion occurring in this building rendered the reducing valve useless and allowed gas to be forced into the burners at the power plant at full pressure.

Firemen of the college plant immediately shifted from gas to oil but in the process free gas in the new smoke stack apparently was ignited, the combustion being so sudden and of such force as to create a vacuum in a long steel chimney from the boilers. The result was a chimney badly crumpled from atmospheric pressure outside.

The injured persons were Harley Cole, a student of Manhattan, Harry Perkins, and Albert Lundquist, college employees.

IT'S STILL 'BEAUTIFUL SNOW' TO G. L. CHRISTENSEN, OF '94

And He Lives With it for Five Months Each Year

A recent column on snow, by H. W. D., brought a response from George L. Christensen, '94, who lives at Houghton, Mich., where they really have snow. Christensen writes H. W. D. as follows:

I was amused on reading your column "Sunflowers" in THE INDUSTRIALIST last week. The subject was "Beautiful Snow," and the argument was that snow was not beautiful because you had to shovel it. While I am not taking your argument very seriously, I think you might be interested in hearing of the Michigan copper country where we still think of the snow as being beautiful, although we have two to three feet of it from December 1 to April 1, and by the way, we do not have to shovel the walks.

The walks are taken care of as follows: A drag pulled by a caterpillar tractor walks right over the snow, making a snow walk, on top of three feet of snow, compact and nice to walk on. After a storm the walks are dragged early in the morning before the school children are out.

I think the newly fallen snow is beautiful as it rests on the branches of the balsam, the spruce, and the pine, sometimes on oak and maple as well. With us Nature has a way of keeping it continuously clean and beautiful by letting some new snow fall every day or so.

A Tunnel Tour

Engineers are planning to place markers in the tunnel which leads from the engineering building to the new library, to serve as warning to visitors at engineers' open house against wandering off into branch tunnels which lead to every building on the campus. Underground tours will be conducted from the engineering building to the library as a feature of the open house program.

Irene (Hays) Williams, '22, has been a missionary at Asansol, India, since January 1, 1923. Mrs. Williams works in the Ushugram school at Asansol with her husband, Frederick G. Williams, '21, Kansas Wesleyan university.

ORATORICAL CONTEST IS SATURDAY NIGHT

PRIZES TOTALING \$50 OFFERED TO THE WINNERS

'World Peace' Is Topic for Five of Orations by Literary Society Representatives—Ideals' Is Sixth Subject

The annual intersociety oratorical contest, high spot of the year for the societies, will be Saturday night, February 15, in the college auditorium.

Competing representatives of the societies will be: Franklin, Mona Stoops, Bellaire; Ionian, Rachel Lamprecht, Manhattan; Alpha Beta, N. O. Butler, Manhattan; Athenian, Dan McLachlan, Pleasanton; Webster, Arnold Chase, Abilene; Hamilton, J. C. Fickel, Chanute.

Judges in the contest are Prof. E. C. Buehler of Kansas university; Dean W. A. Irwin, Washburn; Roy Bailey, editor of the Salina Journal; and Fred Durand, Junction City.

Mrs. Mary Myers Elliot, of the department of public speaking, has been coaching the orators.

"World Peace" will be the topic for five of the orations, and "Ideals" for the sixth. Prizes of \$25, \$15, and \$10 are offered the winners.

HOME STUDY SERVICE OFFERS NEW COURSE

Community Leadership Is Scheduled for Correspondence Credit by Prof. B. H. Fleenor

Energetic persons in Kansas communities and even in communities of nearby states may find an outlet for some of their enthusiasm in a new correspondence course in community leadership offered by the K. S. A. C. home study service. The new course just has been approved and may be accepted for full college credit. It is intended for community leaders, according to Prof. B. H. Fleenor, who is to teach it.

The course is a study of principles and practices of leadership in rural communities. A study is made of some of the problems encountered as well as the successes obtained in various fields of rural leadership with special attention to local situations.

The course has been approved for college credit and deals with such topics as world vision, community consciousness, directed progress, leading by indirect methods, understanding backward groups, training the followers, cooperation among leaders, characteristics of leaders, coercive leadership, and project leadership.

A new text, "Community Leadership," by Walter Burr, for many years professor of sociology at K. S. A. C., is to be used in the new correspondence course.

Have You No Names?

Alumni have responded rather slowly to the request for a name for the K. S. A. C. campus, according to the committee in charge of the campus name contest. The Kansas State Collegian, student newspaper, has offered a cash prize of \$25 to the person who submits a name which is selected by the committee.

Students, alumni, and faculty members of K. S. A. C. as well as Collegian subscribers may enter the contest, which closes April 15. No limit has been set as to the number of entries which one person may submit, although the number of words which comprise the title has been limited to three.

Entries may be mailed to THE INDUSTRIALIST or to the editor of the Collegian, Manhattan. Some typical names submitted in the contest are Purple Heights, Purple Mound, Laurel Hill, Mars Hill, K Hill, and Blumont Park.

To Shop Practice Post

Sterling A. McCollum has been engaged to take the place made vacant by the resignation last fall of Instructor Fred Doelz in the department of shop practice. McCollum has had several years machine shop experience with the Wabash, Santa Fe, and Rock Island railroads, and served for a year as a government machine inspector. During the past 10 years he has been mechanic for Armour and company at Kansas City.

Nebraska, Kansas, Oklahoma, and Colorado produce the bulk of the hard red winter wheat crop.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, February 19, 1930

Number 19

NEW CATTLE DISEASE INCREASES IN KANSAS

ANAPLASMOSIS HAS OCCURRED IN 26 COUNTIES

Malady Affects Most Seriously Cows
More Than Five Years Old—An
Effective Treatment Unknown,
Doctor Leasure Says

Anaplasmosis, a new cattle disease which in many places in Kansas has proved fatal to cows past five years of age, is on the increase, according to Dr. E. E. Leasure of the K. S. A. C. veterinary medical staff, who discussed the new malady before Farm and Home week visitors. The disease was discovered in South Africa 33 years ago and today is found in all European countries and in North and South America. Cases of it have been reported from 26 Kansas counties.

The disease is caused by a small parasite which destroys red blood corpuscles, according to Doctor Leasure. It is transferred from animal to animal by the bite of the large horse fly. Animals stricken with it go off feed, fail in milk production, sometimes become helpless, and frequently they die. The skin around the eyes, nose, and udder turns a distinct yellow in the early stages of the disease.

Calves become infected with anaplasmosis, but in most of the cases reported they have had only a mild form which seemed to develop immunity. Steers and bulls are less frequently affected. Cows more than five years of age are most frequently affected and the mortality is high; those few recovering never equal their former value as milk or beef producers.

The only treatment in use, according to Doctor Leasure, is the injection of arsenic preparations into the blood stream of infected animals. This treatment is difficult to administer and is only partially effective in controlling the disease. Dr. P. B. Darlington of Chanute was the first to identify the disease in Kansas. He found a case of it in 1925.

'CHILDREN'S' RECITAL PLEASES PARENTS, TOO

Sunday's Program Makes Everybody
Doubt Good Music Has Age Limits,
Is Comment of H. W. D.

The grownups who were fortunate enough to attend the lecture recital for children at the college auditorium Sunday afternoon are still wondering whether it was really and truly for children. Miss Marion Pelton, pianist, and specialist in teaching children, assisted by Miss Velma Talmadge, soprano, gave a most delightful hour's entertainment and made everybody doubt that good music has age limits.

Miss Pelton prefaced each of her selections except the first with a short explanation intended for her many youthful pupils in the audience. But they were not a bit more attentive nor eager to hear than were their elders. The four songs by Miss Talmadge—Animal Crackers, Rain, Nursery Rhymes, and The Sleigh—were not such as to need introduction, making themselves well known by their very first lines.

Three groups were offered by Miss Pelton, "Cat-Fugue," by Scarlatti, was the most popular of the first group. Her greatest success was achieved, however, in her rendition of Dohnanyi's brilliant transcription of the famous waltz from the ballet "Naila," by Delibes. It was a particular difficult number, calling for subtle changes of mood, frequent touches of the modernistic, and constant, unrelenting accuracy. But Miss Pelton met every demand without effort and established herself as one of the community's most gifted performers. Her Chopin "Tantelle," also of the second group, was deservedly popular.

Miss Pelton's playing throughout the afternoon was marked by a nice emphasis on melody, subtle shading, and accurate rendition. Her facility

in interpreting the rapidly veering moods that filled most of her offerings was indeed most pleasing.

Miss Talmadge sang in her usual charming manner. The youngsters wanted every word, and they were not disappointed. Especially did "Nursery Rhymes," by Curran, please both young and old. It deserved the spirited applause it got.

The next faculty recital will be given by the college trio and Mr. Farrar on Sunday, March 2. Because of the holiday on Saturday there will be no recital next Sunday.

—H. W. D.

KANSAS U. SPEAKERS START LECTURE SERIES

English Department to Exchange Series of Three Talks—First Was Tuesday Night

A new series of English lectures was started last night in recreation center at 7:30 o'clock by Dr. William S. Johnson, chairman of the department of English language and literature at the University of Kansas. Through his written work on Hardy and his extensive travel in the Hardy country, Doctor Johnson has a rich background upon which to base his lecture on "Thomas Hardy and His Poetry."

This was the first of a new series of exchange lectures between the English departments of K. U. and K. S. A. C. On February 25, Prof. Louis E. Sisson will present an illustrated lecture, "London in the Time of Shakespeare." The concluding lecture of the series, "Poets from Near and Far," will be given on March 4 by Prof. Helen Rhoda Hoopes, who is well known as a poet and interpreter of poetry. Miss Hoopes is the editor of "Contemporary Kansas Poetry," published in 1927.

Three members of the K. S. A. C. department of English will give addresses at the University of Kansas. These will be given on Thursday afternoons beginning March 6 with Prof. H. W. Davis, head of the K. S. A. C. department, who will discuss Edwin Arlington Robinson. Prof. Ada Rice will speak at K. U. on the work of George Eliot and Prof. Robert Conover will review the plays of Eugene O'Neill.

According to Professor Conover, who is in charge of the lectures, this is the first time there has been an exchange of lectures between the two schools.

"The addresses to be given at the college present an excellent range of literary material and will appeal to those who have been interested in the previous series by members of the K. S. A. C. department of English," said Professor Conover.

HIGH SCHOOL WRESTLERS TO HOLD MEET AT K. S. A. C.

State Championships to be Decided
Next Week

The first official high school wrestling championship of Kansas will be awarded in a meet to be held at K. S. A. C. February 28 and March 1. More than 30 high schools of the state now support teams, according to Coach B. R. Patterson of K. S. A. C.

For the past two years the college has held an invitation meet here, and this year the state high school athletic association agreed to sponsor an official state meet for the first time. Both team and individual championships will be awarded.

'95 Class Plans Reunion

This week Prof. George Dean, president, and Prof. Ada Rice, secretary of the class of 1895, are sending out invitations to all the members to be present at their thirty-fifth reunion. They hope to make as good a record as they did in 1920 when more than 50 per cent of their numbers returned. They are particularly anxious to bring their kodak book up to date and to have messages from all, whether present or absent.

WEBSTER ORATOR WINS INTER-SOCIETY CONTEST

IONIAN REPRESENTATIVE SECOND
AND ATHENIAN THIRD

Arnold Chase, Abilene, Takes First and
\$25 Prize—Rachel Lamprecht, Man-
hattan, and Dan McLachlan, Pleas-
anton, Other Winners

First place in the annual inter-society oratorical contest, carrying with it a \$25 prize, was won by Arnold Chase, Abilene, representing the Webster literary society. The contest was held in recreation center last Saturday night.

Second place was won by Rachel Lamprecht, Ionian, Manhattan, who received a \$15 prize, and third went to Dan McLachlan, Athenian, Pleasanton, whose award was \$10.

Chase, a junior in general science, used "The Battle on Higher Ground" as his title. Miss Lamprecht, a sophomore in industrial journalism, titled her oration "You and I," and McLachlan, a senior in industrial chemistry, had as his title "Commercial Preparedness."

N. O. Butler, Manhattan, represented the Alpha Beta society; Joe Fickel, Chanute, the Hamiltons; and Mona Stoops, Bellaire, the Franklins.

Judges were Dean W. A. Irwin, Washburn college; Roy F. Bailey, editor of the Salina Journal; Prof. E. C. Buehler, Kansas university; and Fred Durand, Junction City. The orators were coached by Mrs. Mary Myers Elliot and Roscoe Faunce, of the department of public speaking.

Recreation center was decorated with the colors of each of the societies, and enthusiastic demonstrations followed each oration.

Play Iowa State Friday

The last home game of the basketball season will be played Friday night against Iowa State college. In the first game between the two teams, at Ames, the Iowans won, unexpectedly and easily. Since then the Aggies have defeated Missouri and Nebraska, two of the conference leaders. The basketball season will end for the Aggies on Monday, February 24, when the team plays Oklahoma university at Norman.

Attends Aeronautic Conference

Prof. C. E. Pearce, head of the department of machine design, is in St. Louis this week for the national conference on aeronautical education, held from February 17 to 19. Most of the colleges offering work in aeronautics are represented.

Gentlemen Now Will Prefer Orange— If They Heard Miss Arnold's Talk

"Orange is the emblem of the home, the symbol of the hearth fire. It signifies hospitality, friendship, and understanding. In the old paintings the saints were often robed in orange as a symbol of wisdom and sympathy," said Miss Ethel M. Arnold, associate professor of art, in a recent radio talk. Her subject was "Your Orange Party."

"Experiments show that 501 men out of 1,000 have a preference for blue and 394 women choose blue for first choice. Both men and women voted for green as second choice. Red is third. But in spite of that orange is the most decorative of the colors and in some of its variations is the most used color in materials, in advertising, in interior furnishings. It is an appealing color. It is cheerful without the aggressive quality of red, it can be rich and somber without the depressing quality of blue."

The family of orange is the happiest where used in homes, Miss Arnold believes. Since the natural wood tones are on the brown order, the floors, woodwork, and much of the furniture are already keyed together, waiting a magic brightening touch.

Lamp shades give a warm orange-yellow light, fireplaces send out a

Use Silhouette Camera

A silhouette camera, made by the physics department, has been added to the equipment of the department of clothing and textiles. By its use photographs giving only the outline of a figure are made. The silhouette thus made is transferred to paper so that exact proportions may be used in getting correct lines for clothing.

COLLEGE SELLS TWO BULLS INTO MEXICO

Dairyman Near Mexican Capital Gets
in Touch With K. S. A. C. Through
George H. Winter

Two purebred Holstein-Friesian bull calves recently were sold by the college dairy department to F. G. McCann, manager of a large dairy herd supplying milk to Mexico City. Although these animals are not the first sold into Mexico by the college, the way in which the purchaser got in touch with the college may be of interest to K. S. A. C. alumni.

McCann negotiated with the college through George H. Winter, former K. S. A. C. student, who now is in the diplomatic service of his country at the Mexican capital. Other animals sold into Mexico by the dairy department were sent there partly through the influence of Joe Meier, another former Aggie whom students of six or eight years ago may remember.

The animals sold are out of high producing cows from the college Holstein herd. Records of the cows are not sensational but are at least worthy of note. One cow, K. S. A. C. Korndyke Stirella, has a record as a two year old of 16,185 pounds of milk and 778 pounds of butter in a year. The dam of the other calf is K. S. A. C. Korndyke Corinne, a cow with a four year old record of 19,186 pounds of milk and 840 pounds of butter.

Need Women Orators

Women orators will try out on Monday, February 24, for the right to represent K. S. A. C. at a national contest in Wichita March 31 to April 4, and a state contest to be held in McPherson May 17. One woman will represent the college in oratory and another in extemporaneous speaking.

Start Baseball Soon

Baseball practice will start Monday, March 3, for the Kansas Aggie team, according to Coach C. W. Corsaut. All members of last year's team except Captain Kirk Ward, right field, and Glen Gilbert, relief pitcher, will return. Loyle Nash, Long Island, is team captain.

FARM LEADERS LISTED ON MARKETING SCHOOL

GRIMES ANNOUNCES TWO DAY
PROGRAM

Cooperative Selling Scheduled for
March 6, Livestock Problems March
7—Federal Farm Board Rep-
resentatives Will Speak

Addresses and discussions by several outstanding leaders of agriculture will feature programs of the third annual school of cooperative marketing to be held at the Kansas State Agricultural college March 6 and 7. On the opening day, which will be devoted to the general topic of cooperative marketing of grain, the principal speakers will be Dr. F. D. Farrell, president, Kansas State Agricultural college; Samuel R. McKelvie, member of federal farm board; and C. E. Huff, vice-president, Farmers National Grain corporation, and national president of the Farmers Union.

A LIVESTOCK REPORT

On the second day, when the general topic of cooperative marketing of livestock is to be discussed, principal speakers will be Dr. W. E. Grimes, K. S. A. C.; Dr. O. O. Wolf, a member of the committee of terminal livestock cooperatives; and C. G. Randall, division of cooperative marketing, the federal farm board. The talk by Doctor Wolf will be of outstanding interest, according to Doctor Grimes. Doctor Wolf is a member of the committee that is working out a plan for coordinating activities of the terminal livestock marketing agencies. The plan has not been made public but probably will be sometime prior to the school of cooperative marketing.

Meetings of directing boards of various Kansas farm organizations will be held in Manhattan during the two day school. All who are interested in cooperative marketing are invited to attend the school. The program follows:

THURSDAY, MARCH 6, 10 A. M.

General topic—cooperative marketing of grain, Dean L. E. Call, presiding.

Some Human Aspects of Cooperative Marketing—F. D. Farrell, president, K. S. A. C.

Possibilities and Limitations of a Large Scale Cooperative Grain Marketing Association—Hutzel Metzger, division of cooperative marketing, federal farm board.

The Agricultural Marketing Act of 1929 and the Marketing of Grain—Samuel R. McKelvie, grain member, federal farm board.

AFTERNOON SESSION, 1:30 P. M.

Public Warehouses in Kansas—Scott Bateman, warehouse commissioner, Kansas state grain inspection department.

Progress in Cooperative Grain Marketing—Hutzel Metzger.

The Farmers National Grain corporation—C. E. Huff, vice-president, Farmers National Grain corporation, and national president, Farmers union.

FRIDAY, MARCH 7, 10 A. M.

General topic—Cooperative Marketing of Livestock, Dean H. Umberger, presiding.

Present Status of Cooperative Marketing in Kansas—W. E. Grimes, department of agricultural economics, K. S. A. C.

Methods of Cooperatively Financing Feeding and Marketing of Livestock—C. G. Randall, division of cooperative marketing, federal farm board.

AFTERNOON SESSION, 1:30 P. M.

A National Livestock Marketing Program—C. G. Randall.

Plans for Coordinating the Cooperative Marketing of Livestock in Terminal Markets—Dr. O. O. Wolf, member of committee of Terminal Livestock cooperatives.

Bradford Chapel Speaker

Dr. Harry E. Bradford of Nebraska university will speak at student assembly Thursday, February 20. His subject will be "Dreams and Dreamers."

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F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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Make checks and drafts payable to the K. S. A. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, FEBRUARY 19, 1930

RAPID STRIDES IN EDUCATION

Recent raising of the educational standards of Kansas by requiring 120 instead of 60 hours of college credit for a special certificate to teach public school music is significant of the wide strides being taken by the state in its effort to provide better school facilities for its sons and daughters. The new measure goes into effect September, 1931.

Step by step, Kansas has taken her place among the leading states in education. Nearly 40 per cent of the tax money paid into the state treasury goes to the educational system. It is not so long ago that education was sadly neglected. The school building was the poorest structure in the town, its halls were the dirtiest, its fire hazards were the greatest, and its lighting and heating equipment was only mediocre.

Gone is this old school building, and in its place in almost every town in Kansas has been built a splendid structure which is the pride of every citizen. It is a place of beauty and the town is proud to show its visitors the school building. The ample auditorium and gymnasium provided within its walls has proved to be a place where students and townspeople like to gather and it has become a community center which the populace enjoys—not a center where people are loath to go.

And schools in cities and towns are not alone in the improvement movement. Country schools, for years a disgrace in rural communities, are sprucing up. In many instances they are being done away with in order that a community school may serve for several.

State officials, by standardizing rural schools, are doing a great work for Kansas. The health of the pupil in rural districts—in past years entirely neglected—is carefully watched. Of ancient history is the old "hot blast" stove which roasted the students in its immediate radius and froze the unfortunates who were out of this limited area. The old drinking pail with its tin cup which served for everyone, has been replaced by a modern drinking fountain, with which are provided waxed paper cups which are used only once.

More high school instructors are found with master's degrees now than eight or 10 years ago. And in comparison with rural schools, as a high school diploma no longer insures a job, a college diploma no longer satisfies a school board of a high school. A person must have a special training and teaching experience.

Kansas is not at a standstill in educational development. The head of the state educational system, with a large staff of assistants, works with county superintendents of public instruction for the improvement of facilities. And the taxpayers of Kansas, realizing the importance of its educational system, liberally support measures relating to this department of the state government.

MUSIC

The college quartette, composed of Miss Velma Talmadge, soprano, Miss Hilda Grossmann, contralto, Prof.

Edwin Sayre, tenor, and Prof. William Lindquist, bass, pleased many hearers at the faculty musicale Sunday afternoon, February 9.

In the first number sung by the quartette, "Domine Jesu," from Verdi's "Requiem," the mellow tones reminded one of organ music so smoothly was each part sung, and the selection seemed a single unit rather than one composed of integral parts.

A song cycle entitled "The Philosopher and the Lady," for four voices, was the major part of the program. It was written by Helen Taylor and the music composed by Easthope Martin. The philosopher is typified by a somewhat cynical bachelor who has second thoughts; the lady represents tender, sympathetic understanding; and the lovers are blissfully happy and self-sufficient.

Well sustained tones, smoothness, resonance, and blending of voices were characteristic of the entire program and the singers' interpretations of the song cycle, while delightfully controlled, afforded the audience the opportunity to smile that relieves tension without bringing about a loss in attentive listening.

Miss Alice Jefferson of the department of music was accompanist for the quartette.

The next faculty recital will be given by Miss Marian Pelton, pianist, and Miss Velma Talmadge, soprano, Sunday, February 16, at 4 o'clock. —N. A.

JOHNNY APPLESEED

For 46 years John Chapman, sometimes referred to as Appleseed John, and finally and affectionately as Johnny Appleseed, traveled over Ohio and Indiana planting nurseries.

His plan was to locate a likely spot along some stream. Here he would clear a small area, burn the grass and underbrush, and with his Virginia hoe dig up the soil and plant his apple seeds. Around the area he built a brush fence. He returned to each crude nursery every year and gave it such attention as it required.

He aimed to keep a few years ahead of the settlers so that they might have trees ready to set in their orchards as soon as they had a space cleared for that purpose. Johnny Appleseed was anxious that the settlers have fruit of their own raising to add to their simple fare of fish, meat, grain, and milk. As Ohio became settled and the frontier was pushed farther west he advanced his operations into Indiana.

Wherever he roamed he was a welcome visitor. On his visits he took orders for trees. Thousands of trees and hundreds of the pioneer apple orchards in Ohio and Indiana were from Johnny Appleseed nurseries. The price of a tree was "a fippenny bit," a common coin in those days worth about six and one-fourth cents. However, Johnny Appleseed preferred to take old clothes or notes for his trees and he was not particular when the notes were paid, if at all.

Pioneers pushing westward found rest and nourishment under the trees planted by this patron saint of American orchards. —J. E. McClintock in Farm and Fireside.

AN ART STUDENT'S DILEMMA

A boy whose main interest is in striving after perfection in one of the creative arts finds himself in a hopeless dilemma if he enters college. If he devotes himself wholeheartedly to his artistic interests, he must withdraw almost completely from the social and intellectual life of the college and work by himself, in which case he will ever be in danger of discipline from the college office. If, on the other hand, he puts his work to one side for the sake of complying with the college requirements, he is in danger of mislaying his talent permanently; four years are a long time in the life of a young artist, and he cannot transfer his interest from his art to his college work for four years without suffering the consequences. It would be far better if such a boy were to omit college altogether and study under individual instruction, or at an art school or a conservatory of music. —William I. Nichols in the Atlantic Monthly.

Truth never yet fell dead in the streets; it has such affinity with the soul of man, the seed however broadcast will catch somewhere and produce it hundredfold.

—Theodore Parker.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Mrs. Inez (Savage) Knaus, '14, was living in Manhattan.

James F. Moss, '14, had been with a refrigerating unit in France since September.

Victor L. Cory, '04, wrote from Freetown, Sierra Leone, that he expected to return to the United States in March, and live at Little River.

V. E. Bundy, '15, was with the Ca-

contest was to be held at Emporia February 23.

Professor Walters had a class of five special students and graduate students in architectural drawing.

The dairy school students formed an organization and elected L. S. Edwards, Emporia, president, and C. C. Winsler, Abilene, secretary.

The college dairy school was receiving milk from Manhattan and Rossville and cream from Paxico, Alta Vista, and Clifton. The dairy

Rural Progress and the Extension Service

F. D. Farrell

Extension work in agriculture and home economics has changed tremendously in 20 years. In 1910 that work was just emerging from the "farmers' institute" phase, which no longer was adequate. Programs consisting essentially of speech making were being superseded by programs that contained extensive demonstration, in the field, the feed lot, the orchard, the home. The day of the extension specialist was dawning. Rural organizations, later to be consolidated into county farm bureaus, were being formed for the purpose of facilitating the extension work of agricultural colleges. Then came the county agricultural agent, the 4-H club, the home demonstration agent, the farm accounts club. The practice of adopting specific educational projects in each county soon came into use. The elaborate machinery of extension work has become so much a part of rural life that it is difficult now to imagine the country without it. But 20 years ago, most of it was non-existent.

In extension work, one objective of each effort is to make that effort unnecessary. The good extension worker is always "working himself out of a job." The best indication that an extension project has been completely successful appears when the project no longer is necessary. When a good practice for the farm or the home has been demonstrated effectively in a community, its demonstration in that community no longer is needed. The remarkable success of extension work in carrying numerous educational projects to the point where they no longer are necessary has brought about great changes in rural affairs. As these changes occur, the technique and the immediate objectives of extension work must change to be adequate to the new conditions.

It no longer is feasible to limit extension work in agriculture to superficial problems of production or that in the home to equally superficial information about cookery. The farmers and their families nowadays demand information on technical points in chemistry, physiology, nutrition, rural engineering, pathology, bacteriology, economics, rural architecture, plant breeding, entomology. It no longer is sufficient to confine the work, however technically correct and modern, to the problems of earning a livelihood. Farm people are coming to appreciate the importance of learning how to live. This fact underlies their perfectly reasonable and increasingly insistent demands for extension projects in landscape gardening, home interior decoration, recreation, music appreciation, and other subjects related to good living.

These changes require a type of personnel different from that which did excellent pioneer work 20 years ago. With few exceptions, the rather rough and ready extension worker of 1910, who in some instances affected rough dress and uncouth manners and who sometimes was more amusing than useful, is as outmoded as a yellow wheeled surrey, if he has retained his 1910 attitude and procedure.

Farm people are demanding the services of extension workers who have a sound sense of rural values, both economic and social; who are well trained, personable, and courteous; who use the English language correctly and forcefully; and who present and demonstrate well authenticated scientific facts or authoritative information about the arts in which rural people are interested. These changes and these new demands are impressive indications of sound rural progress.

nadian cavalry brigade, British expeditionary forces, and was stationed in Belgium.

TWENTY YEARS AGO

Anne M. Boyd, former college librarian, had recently been elected librarian of the James Millikan university, Decatur, Ill.

Robert H. Wilson, '09, and Mary A. Haney, f. s. and a clerk in the experiment station, were married at Russell. Doctor Wilson was an assistant in the college bacteriology department.

Frances L. Brown, of the extension division, returned from an institute circuit through the central western part of the state, where she had given addresses at more than 20 farmers' institutes.

THIRTY YEARS AGO

The state intercollegiate oratorical

output of butter was from 400 to 500 pounds.

FORTY YEARS AGO

W. D. Baird, f. s., was married to Dovie Harris at Leflore, I. T.

H. C. Tillotson, f. s., was mail agent on the route over the Missouri Pacific from Atchison to Stockton.

S. I. Thackrey, f. s., and his cousin, J. W. Thackrey, visited the college. The former was teaching the Ashland school.

FIFTY YEARS AGO

Prof. J. H. Lee sold his Wild Cat farm of 120 acres to William C. Walker for \$1,000.

The zoological museum received a case of mounted birds, purchased by Judge Pipher. The collection was made by Doctor Blachly, and contained 31 specimens.

COURT CLOWN

Patrick J. Mulligan in Manuscripts

You laugh, my friends, at me, a fool,
As here I stand with cap and bell;
But am I different from you?
You wear your mask and wear it well!
Am I the clown?

No less than I a fool are you.
Behind the jester's mask am I;
Like me behind a mask you go
Through life—to live and love and die!
Am I the clown?

You hide behind false hate and pride—
Is it but mine, the jester's art?
Why, friends, you frown!

SUNFLOWERS

H. W. D.

UPSET

Seldom does basketball rise to the heights it reached in Nichols gymnasium on Friday night, February 14, 1930, when the Kansas Aggies wrested an overtime game from the Missouri Tigers.

Coming on the floor at the beginning of the second half with the score 17 to 7 against them, unmistakably outclassed (in the minds of 2,500 fans who had ceased to be even hopeful) by a basketball machine from old Mizou that was working like a Swiss watch, the Aggies tore into their foe and demonstrated that the thing called "fight" is still the determining factor in sport.

Though the victory was won by a fit of desperation that lasted from the tip-off at the beginning of the second half to the bark of the pistol that closed the five-minute overtime period, though you may listen to any one of a hundred explanations of the upset, though you may have your own powerful notion of just what happened, an utterly convincing solution of the mystery has not yet appeared—nor will.

The thing or things that won the victory for the Aggies happened between halves at the rest period. It was some readjustment of mind and motion. It was probably due to several things. No post analysis will ever make it understandable. Maybe it was something Coach Corsaut said, maybe it was something some substitute said; but more likely it was something that nobody said, something that nobody could say.

The sweetest fact of all is that life ever keeps in reserve a good chance for the under-dog to come out on top. That is what makes college athletics worth all it costs and then some. Football, basketball, baseball—all the cooperative games demonstrate it many times a season. College rhetoric and chemistry do, too, but not so strikingly nor so popularly; for often only the teachers can see—and sometimes they do not.

It is not that training, practice, experience, natural adaptability, and a half dozen other things are not factors. They are—very necessary factors. But none of them outranks the thing the freshman calls "fight" and the mystic calls "spirit."

If anyone who saw the Missouri-Kansas Aggie game failed to be convinced of the awful potency of the thing that fed the drive of the Aggie team after their initial humbling, he is a very dull person and should apply for his passports. If anyone thinks that weight, height, diet, motor control, team play, technique, floor work, or basket-shooting won the game, his wiring is defective. If anyone tries to make himself believe that man for man and team for team the Aggies are superior to the Tigers, he will encounter many hazards that an honest mind will have difficulty in crossing. Fight won the game.

And such a fight! Spectators crazily leaping to their feet, yelling like mad, pounding their neighbors, cheering every play without regard to its effect upon the score. Players making impossible shots, snaky dribbles, weird interceptions. Guards staying with elusive forwards and forwards getting away from bulldog guards. Time out, and ten players fall prone. Time in, and ten inert figures become electrified. More honor in losing such a game than in winning ten ordinary ones. More honor in winning such a game than in achieving a percentage championship.

"Fight," or "spirit"? What's the odds?

AMONG THE ALUMNI

Harold Hurtt, '15, is a contractor at Wichita.

Dorothy J. Myers, '27, teaches in the high school at Tonganoxie.

Minnie L. Romick, '94, is a grade school teacher in Los Angeles, Calif.

The address of Verna Treadway, '15, is c/o Enid General Clinics, Enid, Okla.

Wallace J. Clapp, '22, is principal of the Grant Township rural high school at Stark.

James H. Robbins is a teacher of mathematics in the rural high school at Oxford, Kan.

Bennie A. Rose, '26, is employed by the Western Electric company at Wilkesburg, Pa.

Wallace L. Thackrey, '18, is an engineer with the Colorado Power company, Denver, Colo.

Dwight W. Grant, '28, Bloomfield, N. J., holds a position in the Bell Telephone laboratories.

John L. Hancock, '28, has a position with the General Electric company at Ft. Wayne, Ind.

Reuben B. Sundgren, '26, is working toward his master's degree at the University of Colorado at Boulder.

Hannah B. Murphy, '27, is doing civil service work as a dietitian in the Hines Veterans' hospital, Hines, Ill.

Gerald Van Pelt, '29, is an electrical engineer with the Westinghouse Electric company at Newark, N. J.

Alfred M. Breneman, '29, is an electrical engineer with the Westinghouse Electric company at Wilkesburg, Pa.

Merl H. Sims, '12, is district agent for the Northwestern Mutual Life Insurance company with headquarters at Mason City, Iowa.

Philip Isaak, '28, has accepted a position as assistant chemist in the agricultural chemistry department, University of Idaho, Moscow, beginning February 1.

B. A. Kahn, '27, is doing engineering work in connection with toll terminal equipment for the Northwestern Bell Telephone company, Kansas City, Mo.

Kathryn Socolofsky, '29, located at Santa Barbara, Calif., Cottage hospital, will complete a special course in dietetics February 15. Miss Socolofsky expects to locate in California.

Dr. Florence Justin and Kathryn Justin, sisters of Dean Margaret Justin of the division of home economics and graduates of K. S. A. C., visited in Manhattan recently. The sisters recently returned from India. Dr. Florence Justin has accepted a position in the State University of Ohio. Kathryn Justin will return to India.

MARRIAGES

BRANDLY—STEINER

Mary E. Brandly, '28, and Leonard Steiner were married January 7 at the Evangelical Lutheran church of the Holy Trinity in New York City.

CORDS—SARGENT

Helen Cords, of Monona, Iowa, and Paul Sargent, f. s., of Manhattan, were married at Monona January 1. Mr. and Mrs. Sargent are making their home on a farm three miles south of Manhattan.

FISK—JELINEK

Josephine Fisk, Alta Vista, and George Jelinek, Ellsworth, both of whom are seniors at K. S. A. C., were married in Manhattan January 1. Mr. and Mrs. Jelinek are at home at 1017 Bertrand street, Manhattan.

SQUIRE—KNAPP

Mr. and Mrs. L. W. Squire, Topeka, announce the marriage of their daughter, Donald, to Vernon Knapp, f. s. The marriage took place January 23 at the home of the bride's parents. Mr. and Mrs. Knapp are at home at 1192 Washburn, Topeka.

WHEELER—SMOOT

The marriage of Marion Wheeler, of Abilene, and E. Paul Smoot, of Enid, Okla., who completed his work for a B. S. degree in electrical engineering at K. S. A. C. at the close of the first semester, took place at the home of the bride's parents in Abilene January 26. They left im-

mediately for Schenectady, N. Y., where Mr. Smoot will be employed by the General Electric company.

ARNOLD—BLAYLOCK

The marriage of Leah E. Arnold, '25, Manhattan, and Ray N. Blaylock, Arkadelphia, Ark., took place December 29 at the home of the bride's parents near Manhattan. Mr. and Mrs. Blaylock are at home at Kan-owa, Okla.

CLARKSON—COOLIDGE

The marriage of Ethel L. Clarkson, College of Emporia, '26, and J. H. Coolidge, '25, took place at the home of the bride in Emporia June 22. Mr. Coolidge is county agricultural agent of Gray county with headquarters at Cimarron.

SCHWAGER—HOGUND

The marriage of Virginia M. Schwager of Adrian, Mich., and C. Raymond Hoglund of McPherson, was solemnized at the Lutheran parsonage in Manhattan January 25. Mrs. Hoglund is a senior in home economics at K. S. A. C., and Mr. Hoglund is a freshman in agriculture.

DARRAH—KERR

Nellie D. Darrah, who finished her college work at the end of last semester, and Milton M. Kerr, '28, were married at the home of the bride's parents in McPherson January 25. They will make their home in Hutchinson, where Mr. Kerr is a member of the staff of the Hutchinson News and Herald.

CHILCOTT—GREENE

Mr. and Mrs. O. M. Chilcott, of Westmoreland, announce the marriage of their daughter, Mary, '26, to Niles N. Greene, of Beverly, January 4 at Minneapolis. Mrs. Greene is teaching her fourth year in the rural high school at Beverly, and Mr. Greene is a farmer at Beverly. They will make their home after March 1 on a farm near Beverly.

BIRTHS

Clarence Sweet and Ruth (Cooley) Sweet, '06, of Cerrillos, N. M., announce the birth of a daughter Mary January 3.

Fred D. Allison, '25, and Elizabeth (Morrison) Allison, of Abilene, announce the birth of Carrol Vance January 18.

Ivan H. Riley, '24, and Geneva (Hollis) Riley, '25, of Chicago, announce the birth of a daughter, Mary Alice, January 18.

Ward Taylor, '26, and Mabel (Rorabaugh) Taylor, of Smith Center, announce the birth of Van Waldeane January 17.

DEATHS

BRINK

Mrs. C. M. Brink, widow of C. M. Brink, who was a dean of the college, assistant to the president, and professor of English literature, at the time of his death in 1916, died January 21 at the home of a son, Dr. Raymond Brink, '08 and '09, in Minneapolis, Minn. Death was due to a cerebral hemorrhage. Burial was in Sunset cemetery, Manhattan.

Mrs. Brink is survived by three sons: Lawrence Brink, of Cleveland, Ohio; Wellington Brink, '16, of Dallas, Tex.; and Raymond Brink, '08 and '09, of Minneapolis, Minn.

HEPLER

Mrs. J. A. Hepler, widely known Riley county resident, died January 27 at her farm home four miles north of Manhattan following a stroke of paralysis.

Surviving are her husband and these eight children: Nora (Hepler) McCormick, f. s., Manhattan; Jessie (Hepler) Shaw, f. s., Junction City; Viola (Hepler) Bower, '10 and '15, Lubbock, Tex.; Walter, f. s., Manhattan; Alta, '20, county superintendent, Manhattan; Erma, '23, Manhattan; Ira, f. s., Manhattan; Christie, '26, home demonstration agent at Altamont; and a niece Christie (Brubaker) Martin, f. s., Overbrook.

In ancient times if a man had several slaves he was counted rich. On an average everyone in this country has at his command machine power of more than 20 able-bodied slaves.

MUSIC, TALKS, YELLS, FEATURE RADIO NIGHT

WINNING OF MISSOURI BASKETBALL GAME STARTS EVENING

Faculty Members, Students, and Alumni Furnish Annual Program Over Station KSAC—President Farrell Tells of College Needs

Music by students and faculty members, cheering, and short talks by well known students and faculty members featured the annual alumni radio night program last Friday. Kenney L. Ford, alumni secretary, was master of ceremonies.

The first part of the program consisted of the broadcast of the Missouri game.

Activities of and greetings from the divisions of agriculture, engineering, veterinary medicine, and home economics were given by Deans L. E. Call, R. A. Seaton, R. R. Dykstra, and Margaret Justin.

President F. D. Farrell told the alumni of various improvements made about the college, and said that scholarship standards at K. S. A. C. were higher than ever before. The president cited the need for a new woman's gymnasium, barn equipment, and an agricultural engineering building.

ENROLMENT INCREASES

Student enrolment has shown an increase of about 150 and the athletic situation is better than ever before, the president commented. In athletics the college has reached the point that a game can be lost without clamoring for the coach's hide, and a game can be won without causing a riot, he said.

Mrs. Mary P. Van Zile, dean of women, spoke briefly.

The poem, "The Old College Bell," written by D. G. Robertson, '86, Evanston, Ill., was read by Miss Jessie McDowell Machir, registrar, as the college bell was rung.

Brief, interesting comment on his 50 years at K. S. A. C. was given by Dean J. T. Willard, vice-president of the college.

SNYDER SENDS MESSAGE

A message from Ralph Snyder, president of the alumni association, was read by Dr. W. E. Grimes.

C. W. Corsaut, head coach of basketball and baseball, commented on the Missouri game, predicted an improved team for next year, and invited the alumni back for baseball this spring.

Musical selections that added interest and variety to the program included a duet by Miss Hilda Grossmann, instructor in voice, and Prof. Edwin Sayre; a solo by Mr. Sayre, accompanied by Miss Clarice Painter, instructor in piano; selections by the college trio (Lyle Downey, Max Martin, Richard Jesson); and selections by the Zapata Troubadors, a group of Filipino men students.

Aggie yells were given by a group of students led by Milton Allison, K. S. A. C. cheer leader. The music of the college band also was broadcast during and after the game.

COLLEGE HOLDS CONFERENCE TO HELP TEXTILE RESEARCH

Representatives of Seven States Take Part in Discussion

To put research in clothing and textiles in colleges on a par with research in other scientific departments, a three day conference was held February 5, 6, and 7, in Calvin hall, attended by representatives from seven states. The conference was called by Dr. Margaret Justin, dean of the division of home economics, and Miss Lillian Baker, of the department of clothing and textiles, who is also chairman of the research committee of the textiles section of the National Home Economics association. Miss Ruth O'Brien of the bureau of home economics at Washington, D. C., attended.

Need of research that will assist the consumer in intelligent use and maintenance of wearing apparel and fabrics for household purposes was one of the problems brought to the attention of the conference.

Those present were: Marietta Heidman, Kansas State Teachers' college, Hays; Gladys Weigar, University of Nebraska; Beulah Shockey, Oklahoma A. and M. college; Mary C. Whitlock, University of Illinois; Elizabeth March, of Topeka, a graduate of Columbia university; Pauline Beery Mack, State college, Pennsylvania; Adula Eppel Ginter, University of Missouri; Ethel Phelps,

University of Minnesota; Josephine Marshal and Miss Mabel Henry, Kansas State Teachers' college, Pittsburg; Amy Howe, Purdue university; Viola Anderson, University of Kansas; Hazel Thompson, vocational department at Topeka; and Mrs. Katharine Hess, Beth Quinlan, Ester Bruner, Julia Southard, Ina Cowles, Lillian Baker, Dr. Margaret Justin, and Alpha Latzke, all of K. S. A. C.

WITH THE ABSENTEES

With the hope of receiving letters from all members of the college faculty who are on leave of absence this year, THE INDUSTRIALIST has written them. The first of the replies, printed below, is from Prof. C. W. Matthews, who is taking advanced work in English at Harvard:

I am tempted to begin this letter with a statement, which I know only Kansans fully appreciate, "There ought to be a law."

One-half of my sabbatic leave is over, and I am so enthusiastic about leaves that I think there should be a law requiring everybody to relieve his friends and relatives of his irritating presence for one year in every seven. Even a sabbatic armistice in matrimony might not be a bad thing.

Watching Harvard, Boston, and New England for the past year, has been like watching a three ring circus. I have been interested to notice that Harvard, an \$81,000,000 corporation that has been doing business ever since the declaration of independence, and 140 years before that, has met and solved most of the problems that will be bothering us in the middle west for the next half century. All of which reminds me that some of the things which I mistook for grave educational problems a year or two ago, now impress me as mere growing pains.

One cannot say that things are always peaceful and quiet here on the Charles. The alumni clamor for a larger stadium is chronic. Last year the undergraduates suffered from a very bad case of 'stubbornness' concerning the Harkness House Plan. Just last week the Socialist element broke out with a pamphlet in Harvard square, calling the university to task for discharging 33 scrub women from Widener library rather than raising their pay two cents an hour. Through it all the administration maintains a Coolidge-like silence that is a marvel of fortitude.

I have observed that the descendants of Lowell and Emerson "choose" to become college presidents and curators of art museums, and to turn the municipal government over to the Irish, with the result that New England has good colleges, fine art museums, and—in comparison with Chicago—remarkably good city government.

The thing that has impressed me most during the past year is that a university is made, not by its endowment, not by its libraries and laboratories, not by its age nor its alumni; but by the men that compose its teaching staff. Without a George Lyman Kittredge, an Irving Babbitt, a Roscoe Pound, and H. G. Edgell, and O. W. M. Sprague, Harvard would be just another university. With them, the university is in a class by itself.

In my spare moments—and when the weather would permit—I have turned tourist. I have taken luncheon at the house that once was the home of the Village Blacksmith, I have sat in the chair made from the wood that came from the spreading chestnut tree, and I have sauntered through Longfellow's garden. I have taken dinner at the home of Emerson's granddaughter, and have tramped over the ground familiar to the feet of Lowell, Holmes, Thoreau, Alcott, Hawthorne, the Mathers and the Salem Witches.

I have enjoyed New England, and I know that I shall regret to leave Harvard; but I am already counting the days to the time when I may go back to a place where I know I shall see the sun a little oftener than one day in ten.

Charles W. Matthews.

Marionettes are Coming

The Jean Gross Marionette company will be brought to the college in March by the K. S. A. C. chapter of the American Association of University Women, according to recent announcement.

RECENT HAPPENINGS ON THE HILL

"Rag Bag Raffy," annual coed prom, sponsored by the women's athletic association, will be held February 27 in recreation center.

Two vacations are scheduled for this semester. They are Washington's birthday February 22, and Easter vacation April 17 to 21.

Members of the men's glee club went to Norman, Okla., last week to enter the Missouri Valley intercollegiate glee club contest which was held February 14.

A lighting school is being held this week in the engineering building. The principal speaker is E. C. Altree of the Edison Lamp works of the General Electric company.

Eleven students in the department of electrical engineering have been accepted as employees of the Westinghouse Electric and Manufacturing company at Pittsburgh, Pa.

The speaker for student assembly tomorrow, February 20, will be Dr. Harry E. Bradford of the department of education at the University of Nebraska. He will talk on "Dreams and Dreamers."

Prof. L. R. Quinlan of the department of horticulture was elected first vice-president of the Kansas associated garden clubs at the annual meeting in Manhattan during Farm and Home week.

Second semester enrolment shows that 296 students entered K. S. A. C. who were not attending first semester. These students enrolled in 19 courses and included 206 men and 90 women. Many of these have attended K. S. A. C. before this year.

More than \$400 was solicited from students and faculty members in the annual campus chest campaign February 12 and 13. The money will go to Lingnan university in China and to international student service in Bulgaria.

The cast has been chosen for the next Manhattan Theatre play, "The Emperor Jones," which will be presented at the college auditorium March 7 and 8. Leading parts will be played by F. Marshall Davis, student in journalism; William L. Johnson, special student in general science; and Roscoe Faunce, instructor in the department of public speaking.

MINSTREL

A blackface minstrel show was presented by the college glee club Wednesday night, February 12, to obtain funds to help send the club to the Missouri Valley contest at Norman, Okla. On the whole the show was an excellent imitation of the minstrels of the "good old days."

The first part of the show consisted of solos which were especially well done. Unusually good choice of songs was shown. Some were of the modern day while others took one back to the cotton fields where music was the only recreation. Horatio Farrar did an especially clever bit in acting out the character suggested by the song "Cleopatra." James Chapman seemed rather in doubt as to how his attentions were going to be received after he had "missed his train," but his doubt did not last long, as his lady-love did not seem particularly elated.

Mutt and Jeff came to life in the second part of the show, "Safety Razors First." Arnold Chase and Glenn Toburen carried these parts well. Chase proved to be an exceedingly clever business man while Toburen was kept befuddled in attempting to understand his methods.

The third number of the show was "Good Morning, Judge." Work of B. D. Coolbaugh as a feminine impersonator was perhaps the best of this part of the program.

The show as a whole was too long, and elimination of some of the less interesting parts would have contributed to the enjoyment of the audience.

—D. L.

The fact that silver chloride turns black when exposed to light is the basic phenomena back of the photographic industry.

AGGIES DOWN MIZZOU IN OVERTIME PERIOD

VICTORY REMOVES TIGERS FROM
BIG SIX CONFERENCE LEAD

Second Half Rally Ties Score at 33 All
and Added Minutes Bring 37-35
Victory—Freeman Makes
Last Goal

Animated by the same zeal that made possible a football victory last fall, the Kansas Aggie basketball team topped Missouri from the Big Six conference leadership in an overtime 37 to 35 game here last Friday night. That and the program which followed made it a perfect alumni night for former Aggies who listened in over the radio.

When the Wildcats left the floor at the half they were behind 17 to 7 and apparently well subdued. Craig, Baker, and Huhn had used their height to advantage in working a delayed passing attack which culminated in a drive for the basket by Craig or Welsh. For the most part Missouri had the ball while the Aggies shadow-boxed in front of them.

Returning from the intermission the Wildcats looked the same but performed much, much differently. They drove in fiercely for the ball, and frequently knocked it out of Missouri hands and went down the floor for a goal. In just 90 seconds of play Captain Richardson had made two long baskets and Russell one.

TIGERS TALK IT OVER

Missouri called time out. Within a minute after play was resumed Russell made a long one and Freeman battled in a goal from under the basket. Missouri's 10 point lead had vanished in two and a half minutes and the score was tied at 17 all.

Temporarily flustered by the Aggie rally, Missouri did not "blow up." With Welsh leading the scoring, Craig the "fight" and Baker playing a cool game at center, the Tigers showed the staying qualities of champions, but these were not enough.

Again Missouri took the lead, increased it to five points, held it until only six minutes were left. Then Auker hit a free throw, Freeman made a basket, and Richardson was accuracy personified on two free throws, the second tying the score at 27 all.

The wild eyed Aggie crowd thought victory was assured when Captain Richardson twice drove down the court for goals, giving his team a four point lead with four minutes to play.

WELSH SAVES TIGERS

The crowd reckoned without Welsh. In three of those four minutes Welsh slipped in goals. Missouri was ahead two points and opportunity rapidly ticking itself away when Alex Nigro dribbled down for the tying score at 33 all.

Russell, Vohs, Freeman, Richardson, and Auker had started the second half, and Nigro went in for Russell when the latter was forced out on personals.

In the overtime period Nigro scored first with a fast dribble and shot. When the period was nearly half over A. H. (Hoxie) Freeman, football captain of last fall, struggled out of flying arms under the basket and made a second goal. Last fall injuries kept Freeman on the sidelines while his team defeated Missouri, but Friday night he was ready, and played the best game of his basketball career. His three baskets were one more than he had previously made all season.

With a four point lead and half the period gone the Wildcats began to delay for time and Missouri to substitute. Too late Captain Craig made a goal which put his team within two points of a tie. The Aggies got the ball on the tip and held it for the remaining seconds.

The summary:

Kansas Aggies (37)			
	G.	F.T.	F.
Nigro, f	3	0	1
Vohs, f	0	2	1
Russell, f	4	1	4
Cronkite, c	0	0	0
Freeman, c	3	1	3
Auker, g	0	1	3
Richardson (C) g	5	2	1
Totals	15	7	13
Missouri U. (35)			
Huhn, f	3	0	1
Morgan, f	0	1	1
Edmiston, f	0	0	0
Welsh, f	7	2	2
Baker, c	0	0	0
Craig (C) c	2	2	0
Waldorf, g	1	0	2
Collings, g	0	3	2
Campbell, g	0	0	0
Totals	13	8	10

Referee, J. J. McLean, Kansas U.;
Umpire, Ed Hess, Kansas City, Mo.

Name Yearbook Candidates

Two candidates for each of three coveted positions on the Royal Purple, student yearbook, have been named by the governing board. The candidates will battle it out in an election February 25. Those running are: Editor—Leslie Platt, Salina, and Paul Dittmore, Manhattan; business manager, James Bonfield, Elmo, and Elbert Smith, Russell; treasurer, Don Spangler, Stanton, Neb.; and A. S. McIntire, Burlington.

KSAC RADIO STUDENTS FINISH FINAL EXAMS

Certificates Will Be Mailed Those Making
More Than 70 Per Cent
in Quizzes

Certificates indicating possession of a working knowledge of the construction and use of the radio will be mailed soon to those who successfully passed the final examination in the 12 weeks course recently completed over station KSAC.

For several months the college station has been giving a program covering radio subjects each Saturday from 12:30 to 1:30 o'clock in the afternoon. Interest in the course was so great that G. E. Webster, station engineer, prepared a course in 12 lessons to be given on successive Saturdays. A total of 125 enrolments were received in the course and hundreds of replies were received, indicating that the senders planned to listen in whenever possible.

"The examinations have now been returned and graded with very gratifying results," Webster says. "The examination given was even more difficult than that offered by the department of commerce for the amateur operators' license, but most of the grades scored on this course were in the nineties. Those passing the course with a grade of 70 or over will be issued a certificate from the radio department of the college. The high grades might be taken as an indication of the effectiveness of a course offered over the radio, for it was found that many of the listeners had copied the course word for word.

"Two other things of interest found in this course were that it was taken by people of all ages ranging from 92 down to 14, and that they nearly all asked for more courses on other subjects."

PROGRESS OF KANSAS PRESS

F. E. C.

Rolla Clymer, editor of the El Dorado Times, holds an annual party for his employees and their families. It costs him \$100 to \$150 each time but Rolla says it's the best sort of an investment.

Wilson and Turner, who took over the Waterville Telegraph after the death of Henry Willson, have added 200 subscribers in two years—by improving the paper and working the lists. They have bought a building and though they do not yet have a machine, intend to have one soon. Wilson is the active manager of the paper while Turner, being local school superintendent, lends much editorial help.

The Kingman Journal, issue of February 14, contained a special advertising supplement for a local automobile company. The supplement, printed half-size or magazine-size and inserted as section two of the Journal, is a credit to Whitelaw and Hubbard, publishers, and may offer an idea that can be carried out by others. A point in its favor is the fact that much of the advertising in the supplement is from out of town, principally from the large Kansas towns.

The Western Butler County Times, Towanda, has been sold to Percy Torrey of Forgan, Okla.

Explaining that he should have taken this step 10 years ago during war times when prices of materials soared, Walter C. Ray of the Clark County Clipper recently announced a change in subscription prices from \$1.50 to \$2 per year. Mr. Ray's action is justifiable and many other country publishers should take similar steps. Prices have not come down enough to warrant continuance of pre-war subscription prices.

AGGIES AND JAYHAWK MIX ON COURT AGAIN

UNIVERSITY WINS TIGHT GAME BY
32 TO 30 SCORE

More Than 3,500 Persons Pack Lawrence Auditorium for Game—Aggies Forge Ahead in Last Half But Fail at Finish

The Kansas university basketball team defeated the Kansas Aggies at Lawrence Tuesday night 32 to 30. The university led at the half 20 to 15, but the Aggies staged one of their famous last half rallies, tied the score at 26 all, and assumed at one time in the last 10 minutes a 28 to 26 lead. Even in the last five seconds the Wildcats had a chance to tie when Silverwood purposely missed a free throw to give his mates opportunity for a goal, but two shots were missed and the game was over. A crowd of more than 3,500 filled the K. U. auditorium for the game.

Athletic interest of the state centered last night at Lawrence, where the Kansas Aggie basketball team met the Kansas university team in the second engagement of the year. Advance reports had Russell (Rub) Thomson, regular K. U. forward, out of the game, and Alex Nigro, Kansas Aggie regular forward, was not in condition to start because of a "charley horse" received in the Missouri game.

Several carloads of K. S. A. C. followers made the trip to Lawrence. Radio announcing of the game was by John Bunn, of the university, and Fred Seaton, of the college.

In the first meeting of the two teams the university won by a 29 to 26 score. The Jayhawks went into the game leading the conference with five victories and no defeats, while K. S. A. C. was in fourth place with four victories and three defeats.

Missouri university, previously tied for first in the conference with K. U., lost to both the Aggies and Nebraska on the road and dropped to second.

Addresses Apple Growers

Prof. L. C. Williams, extension horticulturist, was the principal speaker at a meeting of the Missouri Valley Apple Growers association at Wathena Tuesday night. His subject was "Problems of the Apple Industry."

lar steps. Prices have not come down enough to warrant continuance of pre-war subscription prices.

The Sabetha Herald can add number seven to its staff of editors the next time a list is published. William W. Tennal, publisher, editor number three, and Mrs. Tennal, number four, have adopted a baby girl through the child adoption department of the juvenile court of Jackson county, Mo. Two sons are numbers five and six, and Ralph and Marjorie Tennal, grandparents, previous publishers of the paper, are numbers one and two.

C. J. Anderson, who has owned and edited the Gypsum Advocate for several years, has sold the paper to W. J. Reynolds.

THE COUNTRY NEWSPAPER

"The country newspaper," a writer says, "is becoming more and more a community newspaper—the community in the sense that towns and smaller cities from one to five thousand population are gradually spreading into the rural regions.

"The rural and interurban population have so much in common, with the telephone, rural mail, parcel post and better highways, that they are more like one big neighborhood.

"More farmers are building homes in towns and smaller cities to give their children the advantages of high schools, colleges and business opportunities.

"In all lines of social development, the community newspaper is playing its part and is becoming more valuable property from an advertising standpoint and as a leading factor in the co-operative growth of city and country."

—Holton Signal.

First Beef Champion

Bruce Sanders, Holton, was given first prize in beef production during Farm and Home week and thus became the state's first champion in this division of agriculture. He was given \$200 cash to be used in the purchase of a purebred sire. Other prizes, also to be used toward buying purebred herd sires, were second place, Fred Morgan, Alta Vista, \$150; and H. E. Doverspike, Cottonwood Falls, John E. Sullivan, Mercier, and J. E. Stout and Son, Cottonwood Falls, \$100 each.

VOTERS MUST DECIDE AN IMPORTANT ISSUE

K. S. A. C. Economist Suggests Kansas
People Inform Themselves Regarding
Income Tax Law

When voters of Kansas go to the polls at the general election in November, they will have the opportunity to vote for or against an important amendment to the state constitution, according to Harold Howe, associate professor of agricultural economics and a specialist on taxation matters. The title and wording of the amendment will be as follows: "The Income Tax Amendment to the Constitution. . . . The state shall have power to levy and collect taxes on incomes from whatever source derived, which taxes may be graduated and progressive."

If a majority of the electors, voting on the amendment, vote for its adoption, the amendment becomes a part of the constitution. The adoption of the amendment would not assure Kansas of an income tax. On the other hand, the rejection of the amendment by the voters would not prevent an income tax from being passed at some later date. The vote, whether it be for or against, merely settles the question of constitutionality and leaves the proposition as to whether or not there will be an income tax up to the legislature. This fact is important for the voter to remember, Howe suggests.

In the case of a favorable vote on the amendment, the legislature is not obligated to pass an income tax law. However, after the people have voted favorably, if the legislature should decide to enact such a law, that body will have the assurance that its act is within constitutional bounds. On the other hand, if the vote of the people should be to reject the amendment, the legislature would still have the right to enact an income tax law and have the constitutionality of the act tested in the supreme court afterward.

"With this amendment up for consideration and a well developed sentiment in Kansas for the passage of an income tax law, the present should be a good time for the voter to become well informed on the subject of income taxes," Howe continued. "The recent report of the state tax code commission devotes 20 pages to a clear cut explanation of income taxation and its special application to Kansas conditions.

"Among other things the leading arguments for and against the income tax are presented. By giving 30 minutes of his time to reading this discussion of income taxes, the average man can acquire sufficient knowledge of the subject to make him an intelligent voter when it comes to scratching yes or no on the ballot. Copies of the tax code commission's report have been widely distributed and should not be difficult to obtain.

However, if any interested party has difficulty in securing a copy in his local community, he may address his request for a copy to the secretary of the state tax code commission at Topeka, Kansas."

Brubaker Speaks at Lawrence

Prof. H. W. Brubaker of the chemistry department gave an address, "The Chemical Control of Water Softening," before the annual meeting of the Kansas Water Works association at Lawrence February 12 to 14.

Plan Home Ec Trip

Arrangements are now being made for the annual home economics inspection trip to Kansas City, which will be made by seniors in the division on March 3 and 4.

In Kansas there are 74 county agricultural agents, 30 home demonstration agents, and four county boys' and girls' club agents.

KANSAS U. WINS DUAL IN KANSAS CITY 55-30

JAWHAWKS TAKE EIGHT OF ELEVEN
FIRSTS FROM WILDCATS

Inexperience Costly to Aggie Sophomore Team, Which Shows Better
All Around Strength Than in
Past Several Seasons

The Kansas Aggie track team lost its first dual indoor meet of the season to Kansas university 55 to 30, in a meet held in Convention hall, Kansas City, Mo., last Friday night. First in eight of the eleven events were won by the K. U. team. Highlights were the quarter mile, in which C. M. Kopf, Beverly, was first and H. A. Elwell, Hutchinson, was second; the two mile run, and the mile run.

The two 440 men both defeated Ed Ash, former national high school champion. In the mile Captain H. S. Miller trailed until the last few yards, then forged ahead at the tape. O. L. Toadvine, Dighton, won the two mile. Despite the defeat the Aggie team showed more balanced strength than in several seasons. Most of the men making the trip were taking part in their first dual meet.

In the half mile run Wallace Forsberg, Lindsborg, and Captain Hinshaw of K. U. staged a spectacular race but Forsberg was spent in the last lap and both Hinshaw and Zimmerman of K. U. managed to finish ahead. Stillman of K. U. upset the dope in the high jump by defeating Milton Ehrlich, Marion.

The summary:

50 yard dash—Won by Sickle, K. U.; second Klaner, K. U. Time 5.5 seconds.
100 yard dash—Won by H. S. Miller, K. S. A. C.; second Fortune, K. U. Time 4 minutes 33.7 seconds.
200 yard dash—Won by Nicholson, K. U.; second A. D. Fornelli, K. S. A. C. Time 7 seconds.
440 yard dash—Won by C. M. Kopf, K. S. A. C.; second H. A. Elwell, K. S. A. C. Time 54.1 seconds.
50 yard low hurdles—Won by Mize, K. U.; second H. W. Hinckley, K. S. A. C. Time 6.3 seconds.
High jump—Won by Stillman, K. U.; second Milton Ehrlich, K. S. A. C. Height 6 feet 1-8 inch.
Shotput—Won by Thornhill, K. U.; second Ward, K. U. Distance 41 feet 11 inches.
Two mile run—Won by O. L. Toadvine, K. S. A. C.; second Levine, K. U. Time 10 minutes 10 seconds.
Half mile run—Won by Hinshaw, K. U.; second Zimmerman, K. S. A. C. Time 2 minutes 4.2 seconds.
Pole vault—Won by Trueblood, K. U.; second Willis Jordan, K. S. A. C. Height 12 feet 4 inches.
Mile relay—Won by K. U. Time 3 minutes 37.5 seconds.

IOWA STATE WRESTLERS WIN FROM AGGIES 15-9

Ames Takes Decisions in Five of
Eight Matches

The Kansas Aggie wrestling team lost to Iowa State college Saturday night, 15 to 9, in a dual meet held in Nichols gymnasium. Four members of the Aggie team, J. C. Fickel, 135 pounds; J. R. Warner, 155 pounds; William Chapman, 165 pounds, and Captain R. H. McKibben, 175 pounds, were unable to compete. Fickel, Warner, and Chapman have been regular team members while McKibben has been alternating with George Long, Manhattan.

Iowa State, last year's conference champions, won the meet when R. S. Goodale, heavyweight, gained a time decision over C. H. Errington, Ruleton, Big Six champion. It was Errington's second defeat in college competition and his first in two years in the Big Six. Last year Errington twice defeated Goodale. In the Saturday match, however, he wore himself out trying to get Goodale to the mat and the latter, obtaining a scissors which held Errington's feet high off the mat, held him there the last few minutes of the match.

The summaries:

115 pounds—K. J. Latimer, Humboldt, defeated D. C. Williams. Time advantage 5 minutes 20 seconds.
125 pounds—R. Cole, Iowa State, defeated Ben Barber, Alton. Time advantage 6 minutes 38 seconds.
135 pounds—Captain Linn, Iowa State, defeated C. Mantz, Pratt. Time advantage 5 minutes 30 seconds.
145 pounds—S. E. Alsop, Wakefield, defeated M. Hansen. Time advantage 5 minutes 50 seconds.
155 pounds—W. Juhl, Iowa State, defeated Fred Knorr, Savannah, Mo. Time advantage 5 minutes 41 seconds.
165 pounds—H. Schroeder, Iowa State, defeated J. W. Miller, Sycamore. Time advantage 7 minutes 37 seconds.
175 pounds—George Long, Manhattan, defeated A. Pontius, Iowa State. Time advantage 5 minutes 38 seconds.
Heavyweight—R. S. Goodale, Iowa State, defeated C. H. Errington, Ruleton. Time advantage 3 minutes 30 seconds.

Sixty per cent of the homes in Kansas are served by power lines. The other 40 per cent are largely in rural districts.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, February 26, 1930

Number 20

CEREAL CHEMISTS TO MEET HERE SATURDAY

TWO SECTIONS GATHER FOR CONFERENCE

Morning and Afternoon Meetings, Luncheon, Business Session, and Discussions Feature One Day Program—All Are Invited

The Pioneer section and Kansas City section of the American Association of Cereal Chemists will hold a quarterly meeting at the college Saturday, March 1. The Pioneer section is composed of cereal chemists from interior mills of Kansas, and the Kansas City section includes chemists of the Kansas City territory.

Chemists will meet at the milling department in the east wing of Waters hall at 10 o'clock. The morning session will be devoted to talks by C. F. Schnabel, chief chemist of the state protein laboratory at Kansas City, who will talk on "Errors in the Protein Determination Due to the Personal Factor." C. F. Davis, of the Western Star Milling company of Salina, and C. M. Murphy, of the Georj Milling company of Newton, will speak jointly on "Protein Test Studies."

The chemists will have luncheon at the college cafeteria after which they will again meet in room 92 in agricultural hall. Afternoon speakers and their subjects are as follows: "The Effects of Heat on Wheat or Flour," by Dr. C. O. Swanson, head of the milling industry department; "The Effects of Different Atmospheric Pressures on Baking Results," by Dr. E. B. Working of the milling department; and "Investigations on the Chemical Factors Which Help to Account for the Differences in the Behavior of Flours," by Dr. E. L. Tague, professor of protein chemistry at the college.

Periods for open discussion will be offered in both the afternoon and forenoon meetings. All who are interested in cereal chemistry are invited to attend.

DREAMER FUTURE BUILDER, BRADFORD TELLS STUDENTS

Get Ideas for Future Now, Nebraskan Advises

"The dreamer is the one who is making the future of tomorrow," said Prof. H. E. Bradford of the vocational education department of the University of Nebraska, speaking in general assembly Thursday.

"The dreamer looks ahead in the future and sees what is going to come. The railroads over the vast prairies of North and South Dakota are the dreams of Jim Hill, who stood on the edge of civilization and looked into the future," Professor Bradford continued.

"We are expecting college people to be dreamers in the terms of what they would like to be in the future. Students should get an idea and then dream about it. The easy things for us are the ones we excel in and there lies our ability."

"There is a new race of people coming out of this agricultural school—many of them are the dreamers of tomorrow," Professor Bradford concluded.

Preceding the speech, Rev. A. M. Reed of the United Presbyterian church led the devotionals. Miss Marion Pelton of the music department gave two piano numbers, and the college orchestra played a selection.

Wrestlers Lose Two

The college wrestling team finished its dual meet season by losing to Oklahoma A. and M. 25 to 3 and to Oklahoma university 21 to 3 in matches last week. The Oklahoma Aggie team holds the national championship and has not been defeated in a dual meet in nine years. Oklahoma university won the Big Six team championship this year. K. J. Latimer, Humboldt, won his match at Stillwater and C. H. Errington, Ruleton, the only victory at Norman.

Heads Mathematicians

Miss Emma Hyde of the K. S. A. C. department of mathematics was elected president of the Kansas section of the American Mathematics association at its annual meeting in Topeka Saturday, February 15. Prof. B. L. Remick and Prof. Leon Battig took part in the program.

PAINTINGS, ETCHINGS ON EXHIBIT SCHEDULE

Series of Three Shows at Department of Architecture Galleries This Spring

A series of three exhibitions will be brought to the college by the department of architecture within the next two months, according to J. F. Helm, Jr., assistant professor. All the shows will be in the department galleries, third floor, engineering building.

Water colors from the Weyhe galleries in New York City, showing various modern trends and tendencies, will be shown from March 3 to March 15.

Two exhibits from the Roullier galleries in Chicago will follow one another during the latter part of March and the first two weeks in April.

A group of about 30 modern English etchings will be shown from March 17 to March 29, and the second group, of modern French etchings, will be at the college from March 31 to April 12.

All three exhibits are excellent educational opportunities, in the opinion of Professor Helm, the last two affording a basis for comparison of continental and American work.

AGGIE LIVESTOCK MEN PLAN SECOND MEETING

Luncheon Session Will Be Held in Topeka During State Cattle-men's Meeting

A group of K. S. A. C. graduates and former students attending last year's meeting of the Kansas Livestock association got together in a luncheon session and organized a K. S. A. C. section of the Kansas Livestock association. Everyone present had such a good time that it was agreed to get together a group at each year's meeting of the association.

This year's meeting will be at Topeka and the K. S. A. C. section will hold its luncheon session Thursday noon, March 13. It is hoped that at least 100 K. S. A. C. graduates and former students will be present. Write C. W. McCampbell, K. S. A. C., Manhattan, telling him your plan to attend this luncheon.

SEVEN GROUPS COMPETE FOR AG ORPHEUM TROPHY

Annual Competition Friday and Saturday Nights

Seven organizations will present acts for the annual Ag Orpheum vaudeville show, to be given Friday and Saturday night, February 28 and March 1, in the college auditorium.

Organizations participating are: Lambda Chi Alpha, Alpha Xi Delta, Phi Sigma Kappa, Delta Delta Delta, Pi Beta Phi, Sigma Phi Epsilon, and the Collegiate 4-H club.

Two short "filler" acts, not in the competition, will be given by H. M. Heberer and William Johnson. A silver loving cup is the prize offered the winning organization.

Admission price is 35 cents, and no seats reserved. Performances will start promptly at 8 o'clock, according to James Pratt, general manager. The production is sponsored by the college Y. M. C. A.

Heads Democratic Women

Mrs. H. H. Dodderidge, last semester a special student in journalism at the college, was elected president of the Kansas Women's Woodrow Wilson club at its meeting in Topeka February 22. Mrs. Dodderidge spoke at the banquet of the organization, urging Kansas women to take a more active part in state and national politics.

ACADEMY OF SCIENCE WILL MEET AT HAYS

KANSAS BODY TO HOLD SESSIONS APRIL 18 AND 19

Plans for Continuing Publication of Transactions Will Be Among Topics for Discussion, Says Dr. George E. Johnson of K. S. A. C., Secretary

The sixty-second annual meeting of the Kansas Academy of Science will be held at the Kansas State Teachers' college at Hays during Easter vacation, April 18 and 19, according to an announcement sent to members recently by the secretary of the academy, Dr. George E. Johnson, of the K. S. A. C. zoology department.

A banquet will be held Friday evening, April 18, at which Dr. William B. Wilson of Ottawa university will deliver the presidential address on the value of an academy of science to the state.

Later in the evening Dr. T. D. A. Cockerell of the University of Colorado will deliver a public address under the joint auspices of the academy and the teachers' college. Doctor Cockerell will speak on the subject, "A Naturalist Around the World." This will be an account of his own experiences and observations on a recent scientific trip.

Doctor Johnson has issued a call for papers to the nearly 300 members of the academy. "Anyone interested in science may be considered for membership and by joining with the one organization that unites all the sciences in Kansas, contribute to the success and advancement of scientific work in the state," he says.

Most of the papers probably will be given in three general sessions. Some will be read on more specialized programs, one for chemistry and physics and one for psychology.

A feature of the meeting will be a trip to the Hays branch experiment station of K. S. A. C.

The Kansas academy resumed publication of its Transactions last year, printing a 280 page volume. Publication was continued this year with a book of 144 pages. Papers on home economics, botany, chemistry, archaeology, and psychology were included this year.

One of the problems to be considered at the business meeting this year is the provision of means for continued publication, involving also plans for disposal of the academy library to the state owned schools.

QUILL OFFERS A \$10 PRIZE TO SHORT STORY WRITERS

Manuscripts to be Accepted Up to April 15

Manuscripts will be received in the annual short story contest of Ur Rune, American College Quill club, up to April 15. They should be sent typed, double spaced, and in triplicate to Prof. Ada Rice, of the English department.

First prize in the contest is \$10, with honorable mention going to winners of second and third place. The first place winner automatically becomes a member of Quill club if not already a member. Competition is open to undergraduates in any division.

ROYAL PURPLE ELECTION BRINGS OUT UNUSUAL VOTE

Platt, Bonfield, and Spangler Head 1931 Annual

In an election which brought more than a thousand students to the polls, Leslie Platt, Davenport, Iowa, James Bonfield, Elmo, and Donald Spangler, Stanton, Neb., were chosen Monday as executive heads of the 1931 Royal Purple. Platt will be editor, Bonfield business manager, and Spangler treasurer.

The closest race was for the position of editor, Platt winning over P. L. Dittmore, Manhattan, 597 to 485. Bonfield defeated Elbert Smith, Russell, 661 to 422, and Spangler defeated A. S. McIntire, Burlingame, 693 to 367.

Basketball Schedule

Dec. 18—St. Marys 18, Aggies 36.
Dec. 20—Kansas Wesleyan 19, Aggies 32.
Jan. 3—Colorado college 34, Aggies 53.
Jan. 4—Colorado college 28, Aggies 35.
Jan. 10—Nebraska 41, Aggies 39.
Jan. 13—Missouri 34, Aggies 21.
Jan. 17—Oklahoma A. & M. 35, Aggies 47.
Jan. 21—Oklahoma U. 23, Aggies 24.
Jan. 31—Iowa State 37, Aggies 21.
Feb. 1—Nebraska 42, Aggies 46.
Feb. 5—Kansas U. 29, Aggies 26.
Feb. 11—St. Louis U. 35, Aggies 28.
Feb. 14—Missouri 35, Aggies 37.
Feb. 18—Kansas U. 32, Aggies 30.
Feb. 21—Iowa State 25, Aggies 24.
Feb. 24—Oklahoma U. 32, Aggies 37.

MARIONETTE COMPANY IN TWO PERFORMANCES

Jean Gros 'Troupe' Will Give Afternoon Show for Children—Night Play for Adults

A play without human actors will be presented at the college March 11, when the Jean Gros marionette company is to appear under auspices of the local chapter of the American Association of University Women.

An afternoon performance will be given for school children, and a night performance for adults. The night performance will be of a play written around "Skipper," Percy Crosby's boy cartoon creation.

The Jean Gros company has been booked for its third engagement at Emporia, Wichita, and Lincoln, Neb., and is making its second appearance at Oklahoma A. and M. college. Many warm endorsements of the company have been received, according to Mrs. C. O. Swanson, president of the local A. A. U. W. chapter.

THE EMPEROR JONES NEXT THEATRE PLAY

Manhattan Group Will Present O'Neill Tragedy in College Auditorium March 7 and 8

"The Emperor Jones," a tragedy by Eugene O'Neill, will be presented by the Manhattan Theatre March 7 and 8. Four Negro students are included in the cast.

The leading part, that of Brutus Jones, will be played by William Lee Johnson, Alma, Negro, student in general science. Johnson, with the assistance of William Swancy, wrote and produced a winning act for Aggie orpheum last year.

Roscoe Faunce, instructor in the department of public speaking, will have the part of Henry Smithers, a cockney trader and friend of Jones. F. Marshall Davis, Manhattan, Negro, student in the department of journalism, has the role of Lem, native chief, in the production. The other speaking part, that of the old native woman, will be played by Martha Smith Irving, Manhattan, Negro, graduate of the class of 1904.

Non-speaking parts will be taken by Kenneth Gopen, Manhattan, student in agriculture, as the prison guard; J. C. Braden, Eureka, student in commerce, as the auctioneer; William Swancy, Kansas City, Negro, student in electrical engineering, as Jeff and also as the Congo witch doctor. Vernon Dyerly, Pratt, student in commerce, and Earl Coulter, Willis, of the division of agriculture, have parts as planters. The spectators are Vivian Kirkwood, Manhattan, and Estella Shenkel, Geneseo.

E. H. Johnson, Norton, F. E. McVey, Oak Hill, and J. J. Jewett, Halstead, are also in the cast.

Establish Senior Award

Kappa Beta, organization of K. S. A. C. women who are members of the Christian church, plans to establish an award for the senior member of the organization outstanding in scholarship and activities, and also plans to start a student loan fund.

Hutcherson to Speak

W. L. Hutcherson, director of colored Y. M. C. A. work in Wichita, will address the weekly student forum meeting at noon today. Hutcherson was at one time secretary to Booker T. Washington, noted Negro writer.

COLLEGE EXPERIMENTS ON ORCHARD TERRACES

CHERRY PLANTINGS UTILIZE STEEP HILLSIDES

Horticulturists Believe Waste Lands Can Be Used if Erosion Is Stopped—Now Is Favorable Time to Start Cherries

That cherry plantings may turn waste hillsides and gullies into profit making acres through proper terracing to prevent washing is to be demonstrated on the horticultural farm at K. S. A. C. A tract of about five acres, containing a steep "U" shaped gully, has been graded to form five terraces on each side and the cherry trees will be planted before the middle of March.

The terraces reduce the number of trees that can be planted on an acre by 15 per cent. It is expected, however, that retention of moisture and the possibility of cultivating the steep slope will more than offset the reduction in the number of trees.

Cultivation of all orchards planted west of Topeka is necessary to retain moisture, according to Prof. R. J. Barnett, acting head of the department of horticulture. Planting on terraces is in the nature of an experiment at the college, as it is realized that cultivation and maintenance of the terraces will mean more work than would be required for a level orchard.

To succeed with cherry trees, one should plant them early, Professor Barnett says. If planting is delayed after the middle of March, buds develop so fast that the root system has no chance to get started.

It is estimated that one half of the cherry trees in Kansas have died in the last three years, largely on account of leaf spot disease. Loss of leaves two or three years in succession will kill most cherry trees. Such loss can be prevented by proper spraying. All things considered, this would seem to be a propitious time to plant a cherry orchard if one is prepared to cultivate and spray it. If other ground is lacking, hillsides and gullies offer possibilities through terracing.

COLLEGE DEBATING TEAM ON TEN DAY WESTERN TRIP

Taylor and Correll to Cover Four States On Tour

A 10 day debating trip into Nebraska, Wyoming, Utah, and Colorado was started Monday by James Taylor and John Correll, both of Manhattan. They were accompanied by Darrel J. Mase, debate coach.

The team was to meet Nebraska university Monday night, Creighton at Omaha Tuesday, Wyoming university at Laramie Wednesday, and Weber college, Ogden, Utah, Thursday. A debate with the Colorado Teachers' college at Greeley also is scheduled, and others are planned.

HIGH SCHOOL WRESTLERS AT COLLEGE THIS WEEK END

State Individual and Team Championships To Be Decided

High school wrestling teams of Kansas will be guests of the college Friday and Saturday of this week in the first official state high school meet. Among the favorites to win the state team championship is Douglass high school, which is undefeated in Kansas but has lost to one Oklahoma team, and Wichita high school, east, champion of the Arkansas Valley league.

Make Go to College Trip

A go to college team consisting of members of the music department faculty will visit various Kansas high schools from March 3 to 7. Team members will be Lyle W. Downey, Max R. Martin, and Richard Jesson. They will appear at Atchison, Horton, Holton, Effingham, Leavenworth, Tonganoxie, Argentine, Shawnee Mission, Wyandotte, and Bonner Springs high schools.

The best farmer does the least kicking.

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, President, Editor-in-Chief
C. E. ROGERS, Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER, Assoc. Editors
R. I. THACKREY, Alumni Editor
KENNEY L. FORD, Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, FEBRUARY 26, 1930

CROP ESTIMATES

The growth of the application of sound economic principles to the agricultural industry within the last 15 years was well illustrated recently when E. C. Paxton, senior agricultural statistician for Kansas, explained to a group on the campus the machinery, the significance, and the future of crop estimate work. About 300,000 volunteer crop reporters, most of them farmers, contribute to the total vast quantity of valuable economic data in crop estimates assembled in this country annually. In Kansas alone there are more than 1,700 agricultural reporters.

Mr. Paxton spoke of the changes that have taken place since he entered the field of crop estimate work 15 years ago. At that time a text book on statistical methods was hard to find, and few colleges offered a course in the subject. The field work of the statistician was then the mainstay. His empirical judgment, based on travel and observation and only slightly modified by averaging a limited number of other empirical judgments, was accepted more or less as the gospel of crop reporting. Almost anything the field man did received pragmatic sanction if he obtained results. But today the sanctions are purely mathematical. It is a far cry from those days of empirical judgment to these days of technical skill in manipulation.

Today the crop statistician can use these older data only after critical examination by the application of higher technique. It is a technique that requires not only time but more trained workers than are now available. Trained workers will be in demand also for an expansion program of immediate importance.

The United States has embarked upon a governmentally sponsored attempt to amalgamate American farmer producers into nationally organized marketing units on a commodity basis, with the thought of meeting world competition in world markets. If the country is to do this to advantage it must have dependable information on production in competing world centers. Compared with our intimate knowledge of farm production and distribution in the United States and Canada, our knowledge of production in many important foreign nations is fragmentary and in many cases of very doubtful authenticity.

Not only must agricultural production in competing countries be accurately gauged, but the purchasing power of import countries must be known. In order that we may be certain of our world "supply and demand" factors it is now proposed to establish, on a permanent basis, a foreign crop reporting service with trained statisticians located at strategic ports. These statisticians, it is proposed, shall have diplomatic authority as agricultural attaches. Three special commissioners are already abroad, at Berlin, Shanghai, and London. Another has been appointed for Marseilles. Further stations proposed are Buenos Aires, Sidney, Cape Town, Copenhagen, Paris, and Budapest.

BOOKS

Soames Takes the Ferry

"A Modern Comedy." By John Galsworthy. Charles Scribner's Sons, New York. 1929. \$2.50.

This book contains 798 pages of brilliant fiction. It is thoroughly worth reading for its own sake but it is of special interest to those who have read "The Forsyte Saga" to which it is a sequel. The two books cover a period of 40 years and are concerned chiefly with a distinctively English family, the Forsytes. Before the close of the first book, Soame Forsyte—a shrewd, conservative, property loving, self reliant and somewhat disappointed English man of business—becomes the chief representative of the family. The second book picks up the story in 1922 and carries it until 1926 when Soames dies, or, as the author says, "takes the ferry." The book includes three novels and an interlude, the novels being "The White Monkey," "The Silver Spoon," and "Swan Song."

The story presents a vivid picture of a restless, confused, somewhat cynical and somewhat wistful world; a world in which everybody is on the go, with little or no conception of destination. "Everyone," says the author in his preface, "having been in an earthquake which lasted four years, has lost the habit of standing still. . . . Everything being now relative, there is no longer absolute dependence to be placed upon God, Free Trade, Marriage, Consols, Coal, or Caste." As a part of the chaos, the English have had to endure a general strike, industrial and agricultural depression, political futility, unemployment, and widespread and rather hairbrained devotion to numerous conflicting forms of anarchy in art, literature, religion, and morals. All this makes it difficult for Soames and his kind, who, of course, have to foot the bills and to help the youthful anarchists out of the troublesome pits into which they successively stumble or leap. But the country, with the English genius for muddling through, survives and even smiles. The sun rises every morning, though it does not always shine.

The title might as well have been "A Modern Tragedy." Most of the events depicted certainly are as much tragedy as comedy. In human affairs the two, of course, usually are very much alike and sometimes are identical. The plight of the young people, who have no anchors, no stable standards, no reliable lodestar, is distinctly tragic. That of their parents, who strive to retain their old stability and at the same time to be liberal and tolerant, is both tragic and comic.

The wide sweep of the story is most impressive. It includes something of almost everything: history, philosophy, finance, psychology, tea parties, politics, a libel suit, peach growing in North Carolina, social settlement work, celebrity collecting, lap dogs, art connoisseurship, schemes for rehabilitating the British Empire. Through it all runs the engaging life story of the Forsytes. Anybody who has read this book and its predecessor is likely to hope that the Forsyte chronicles have not ended; that the author will select one of Soames' survivors to carry on the family history for another generation. —F. D. Farrell.

THE DISCREDITED PHYSICIST

If there is anything which the growth of modern physics should have taught it is that such dogmatic assertiveness about the whole of what there is or is not in the universe as was represented by nineteenth century materialism is scientifically unsound. The physicist has had the bottom knocked out of his generalizations so completely that he has learned with Job the folly of "multiplying words without knowledge." —Robert A. Millikan in Scribner's.

UNDULANT FEVER

The germ which oftentimes causes abortion in cattle and hogs occasionally causes undulant fever in man. Because of the fact that cows oftentimes give milk containing the abortion germ, it was thought that it might be dangerous to drink raw milk. This does not seem to be the case. On the contrary, recent investigations indicate that not one person in 500 is likely to contract undulant fever by drinking milk infected with contagious abortion germs. Packing house employees, however, and farmers who handle aborting cattle and

hogs, are about 20 times as likely to contract undulant fever as people who drink raw milk.

To avoid undulant fever, the important thing is not the pasteurization of milk, but cleanliness in handling cattle or hogs which have aborted. Hundreds of Iowa farm folks have had undulant fever during the past 10 years without knowing it. Some of them have gone west, thinking that they had tuberculosis. The fever comes and goes, without any apparent cause, over a period of several months, and there is a general feeling of worthlessness.

Barre, Pa., for a visit with her son Clyde, f. s., who was recovering from a long and serious attack of typhoid fever.

Professors Walters, McCormick, Eyer, Conrad, and Potter, State Engineer Gearhart, and Assistant Logan went to Lawrence to represent the college at the dedication exercises of the new engineering hall of the state university.

THIRTY YEARS AGO

Graduates and former students who visited the college were E. B. Patten, '98, Anna Streeter, '99, and

City House and Farmhouse

"Designs for Kansas Homes," by H. E. Wichers

The city house and the farmhouse have many things in common which must yet be handled differently. Each has a kitchen, but in many instances the city kitchen can be placed in a very secondary position because it may be used but a few hours each day. At present the farm kitchen is in almost constant use, because the farmer's wife is called upon to do a large number of things that the city wife doesn't even think of doing. The farmer's wife is in most cases the assistant general manager of the farm and not infrequently the manager. For a large part of the day she is in charge of the farmstead proper. This being true, the kitchen in which she spends much of her time should have a full view of the other farm buildings, and, if possible, a view of the highway.

A problem in farm home planning that is seldom met in city home planning is that of the wash room. This room should be accessible from the side of the house that faces the other farm buildings and from a hall that leads directly to the dining room. This is a very important part of farm planning, and especially so if there are times during the year when a group of farm hands must be fed at the farmhouse. These farm hands should not even pass through the kitchen, and most certainly should not be required to wash in the kitchen.

In the city or town one finds very few of the new small home plans that have any place provided for the storage of quantities of food supplies. The city housewife knows that she can replenish her supply within a few moments, and since this is true, why bother with a large supply? True, the farmer is much closer to a base of supplies than he used to be, because of the automobile, but the larder is not quite so easy to refill and he must therefore carry on hand a larger stock of edibles.

In the case of the city house of small size, one often finds the main stairway leading up from the front hall. This practice is often questionable even in the suburban house, and it will rarely work to advantage in the farmhouse unless the main entrance is placed adjacent to and with direct access to the kitchen. If the kitchen and the living room are both near the front door there will seldom be a time when the housewife will have to walk more than a few steps to answer the doorbell. All things should be planned to save labor, and it is high time that the stairway be located where it is easily accessible to those who make the most use of it. In the average farm home these are most certainly not the guests, but the members of the household and especially the housewife.

Probably the chief difference between the farmhouse and the city house is that the farmhouse is more of an independent unit. It must be more self sufficient, while the city house depends upon its close relationship with its host of neighbors who work with it in obtaining many kinds of service which the farmhouse must contain within itself.

After a time, the trouble generally disappears, but it may come on again several years later. It is almost never fatal, but it does interfere for a time with the ability of a person to do hard work. Farm men are much more likely to be infected than farm women or children. —Wallace's Farmer and Iowa Homestead.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

R. A. Armstrong, '10, resigned his position with the Atlanta, Ga., Technological high school and went into business for himself.

Julia A. Keeler, '19, wrote from Gainesville, Fla., of her new work with the general extension division of the University of Florida.

Sara Williams of Neils Harbor, N. S., and W. F. Lawry, '00, of Sault Ste. Marie, Ont., were married. They were to live in Sault Ste. Marie, where Mr. Lawry was an engineer for the Algoma Steel corporation.

TWENTY YEARS AGO

A. W. Barnard, '05, was appointed teacher of manual training in the Montana reform school at Miles City.

Mrs. J. D. Rickman left for Wilkes-

Dr. G. P. Howard, f. s. in 1881.

C. C. Nichols, a student in dairying, withdrew from college to take charge of the dairy farm of G. W. Merritt of Great Bend.

A. C. Cutler, f. s., and Margaret E. Monahan, '00, were married. Mr. Cutler was managing the business of the Chicago Lumber company at Esbon, where they were to make their home.

FORTY YEARS AGO

C. A. Campbell, W. W. Hutto, and Lottie Short, students, attended the oratorical contest at Lawrence.

Professor Popenoe attended the annual meeting of the American Horticultural society at Austin, Tex.

FIFTY YEARS AGO

The names of students who attained first rank during the month of February will be printed serially, as space will not permit for all the names in one issue. The first series included Emmett Allis, Viola Bachelor, A. Beacham, William Bolton, Charles Call, Lewis Call, William Campbell, Rebecca Coburn, John Copley, Eva Couse, Ida Cranford, C. F. De La Mater, Frank Dunn, and Orpheus Durkee.

BOUNDARIES

Ruth Harrison in London Sunday Times

Why speak of boundaries? For you can lay A hedge, and I can take a pile of stones And build a wall, and any bag o' bones Can plant a row of trees across our way. Yet of us all, who is there that can turn The flowing, shapely curve of hill aside, Or break the cup wherein the valleys wide Drink deep of mists and to sky-spaces yearn? And lo, when colors glow and shadows pass Like wind across the land, what care have they For staying hedge or wall? . . . Sunk in rich fulfillment of design.

SUNFLOWERS

H. W. D.

ARISTOCRAT

Tiger has ceased to be.

After seven years of play and adventure and majesty he has passed on to whatever future there is for Felis domestica.

In so far as Tiger belonged to anybody or anything outside himself, he belonged to me and my family. But he was not good at belonging. Rather did the earth in general, his home in particular, and a few friends he deemed to notice belong to him.

He solved the riddle by a simple refusal to be mystified. There was nothing to puzzle about in life. Here was he, an able-bodied cat. There before his regal eyes was the rest of the world, composed partly of things he wanted and partly of things that didn't matter much. It was ridiculously simple. Take what you want, and can get; don't worry about the other.

Home, to Tiger, was security and day-time ease and provender. It protected one from dogs, it was a delightful place to snooze after the glorious, dark night, and it meant raw meat and milk and chicken bones. Like everything else life offered, home did not have to be deserved. Fate had proffered it, and he must accept it in kingly, cat fashion—without cringing, without fawning, without idiotic self-abasement.

Human beings, bipedal and upright in stature at least, who trimmed their claws and worried about yesterday and tomorrow, came nearest to ruffling him. They were bothersome to figure out. One could never tell whether they were going to caress, kick, or go into convulsions.

Human beings were incomprehensible. All right. Why waste one's intellect away trying to comprehend them? One could climb on the laps of the few who really sympathized, if one felt like it, let them rub one's ears and stroke one under the chin. One could purr for them, and love them back. Then when one had had enough, one could give them a warning bite or a scratch and scamper away to the warm corner where the chimney went up.

Tiger spent his kittenhood in play, his youth in adventure, and his middle life in majesty. Old age, with its rheumatism and asthma and inglorious decrepitude, he chose not to run into. The sweets of life were just about exhausted. (Seven years is long enough for a cat too genuine to parley.) One had better crawl home, stretch oneself out on the bare ground under the poplar trees, and accept the end as one had accepted the beginning and what followed. One had better die in the midst of majesty—one who does not compromise.

The magnificent body that was Tiger's was not more lordly and graceful than his magnificent cat ego. How he must have pleased the god of cats, steadfastly refusing to surrender the wildness that was his by birthright. In a world that loves lap dogs, rewards fawning, and defies humility, he never utterly sheathed his claws. He never purred for preference, he never meowed from conviction of sin, and he never arched his back in fun.

Deep in the earth under the poplars lies the body of Tiger, a cat aristocrat. Birds that feared him and scolded him last summer will sing above his grave this spring. It may be that some of their songs will lament the passing of the awful threat, the swift death that was he. Who knows? There are stranger paradoxes in this world than that.

LABRADOR GARDEN POSSIBILITIES BEING INVESTIGATED BY F. C. SEARS

WINTERS ARE LONG BUT SURPRISINGLY MILD—SOIL SUPPLY
SCANTY BUT PLANT GROWTH IS STARTLING UNDER
FAVORABLE CONDITIONS

Prof. F. C. Sears, '92, head of the department of pomology at Massachusetts Agricultural college, again put in his last summer's vacation making a study of the possibilities of agriculture in supposedly bleak Labrador at the request of Dr. Wilfred Grenfell, director of the Home mission. The following is an account of some of Professor Sears' observations:

"I went to Labrador on the invitation of Doctor Grenfell to look into the possibilities of increasing the production of food plants, as he feels that the people up there need a greater variety in their diet, and in particular need both fruits and vegetables.

Two things which surprised and interested me most in connection with this problem were, first their comparatively mild winter temperatures and second, the rapidity with which plants grow and come to maturity. Accurate meteorological observations are not very plentiful, but I was assured at St. Anthony that they rarely have weather colder than 20° below zero, and the hardy perennials and other plants which winter there would support that assertion. On the other hand their winter season is long drawn out. I saw a picture of a snow-shoeing party taken on the fifth of May.

PLANTS NOT STUNTED

The rapidity of growth of plants when soil conditions are at all favorable is almost startling. I paid two visits, about two weeks apart, to the gardens on Doctor Grenfell's home grounds at St. Anthony. On my first visit the cabbages were just nicely started, perhaps 6 inches high, and the potatoes were possibly 8 inches high. On my second visit the cabbages were heading up nicely and the potatoes were in bloom, and neither the cabbages nor potatoes were stunted but had made a good height for those plants.

Their most pressing agricultural problems as I saw them this summer are the following:

First, to get suitable areas of tillable land. On the whole of Battle island, which is perhaps 100 acres in extent, there are only a few wagon loads of soil collected in some of the most sheltered spots. The man who has a garden 15 feet square is looked upon as a real agriculturist. Of course, there are other sections along the shores of some of the bays and inlets, further removed from the Labrador current which flows down this coast, where you find a fair growth of trees and shrubs, and it is such sections which must be developed in an attempt to provide adequate vegetable foods.

Their second problem is the almost universal acidity of their soils. The only exceptions to this which I found were a small plot on Doctor Grenfell's place which had been limed last year, and a corner of a garden which had been recently subdued and on which a lot of brush and small trees had been burned, leaving behind a lot of ashes.

Third, the very common and serious need of better drainage on the lands that they have. Heavy subsoils are very common and water very abundant, and without exception whenever by any means or for any purpose the drainage has been improved it has resulted in very marked improvement of the growth of plants.

USE WRONG FERTILIZER

Soil management and fertilizers form another serious problem. The people do almost no stirring of the soil. If a plot is to be seeded down to grass, they top dress it with seaweed and any manure available and then put on the seed. The only material I found in use as fertilizer was sulfate of ammonia which, of course, aggravates the already serious acidity of the soil.

Other questions which need investigation and demonstration are the proper handling of manures where any are produced, as on the Mission farm at St. Anthony; the possibility of introducing new kinds and varieties of food plants; the control of club root which is extremely prevalent on their cabbages (one of the

principal crops they grow); the possibility of growing the new and improved varieties of blueberries (which was one of the main problems that Doctor Grenfell put up to me); flowers for the mission hospitals, and the preservation and use of the ashes from their wood fires.

I already have the promise of two "branch experiment stations" up there. One is on Doctor Grenfell's own private grounds and will be managed by his man Jim Tucker, a bright and capable fellow who has twice been to the Nova Scotia Agricultural college for short courses. Here we plan to test apples, cherries, plums, currants, raspberries, strawberries, blueberries and gooseberries, along with better varieties than they now have of lettuce, cabbages, and other vegetables.

RAISES APPLE CROP

The second "station" will be located with Peter Blanchard, a trapper, with headquarters at St. Mary's river, not far from Battle harbor. He had an excellent garden this summer with cabbages, lettuce, radishes, potatoes, currants, and gooseberries all doing well. And he volunteered the information that he was "sure he could grow apples and cherries if he had the right varieties."

This may sound optimistic but in support of the idea I was told by the captain of a salt schooner on which I traveled from Battle harbor to St. Anthony that his wife had written him that there was a fine crop on their apple trees, so many that she thought she ought to thin the fruit some. I am to send my friend, the trapper, trees of these two fruits and plums, along with some better varieties than he now has of currants and gooseberries and perhaps some vegetable seeds.

It seems to me that Doctor Grenfell has put his finger on a real and urgent need and that on the whole much may be done by careful study and experiment to meet his dream of a better diet for his people there.

DEATHS

BUTCHER

Memorial exercises were held in Ottawa university chapel February 19 for the 2 year old baby daughter of Arch W. Butcher, '26, and Mrs. Butcher. The little girl died late the previous afternoon of spinal meningitis after an illness of two days. Butcher is director of athletics at Ottawa university, Ottawa, Kan.

YENAWINE

The death of S. J. Yenawine, Manhattan, and Riley county pioneer farmer, occurred February 12 following a five-day illness. Surviving are the widow, a son, H. W. Yenawine, of Seattle, Wash., and three daughters, Mrs. Ora (Yenawine) Maxwell, '95, Pittsburg, Kan.; Mrs. Mary Paul, Chicago, Ill., and Mrs. Harriett Kerr, New York City. Mrs. Maxwell was in Manhattan at the time of her father's death. Interment was February 15 in Sunset cemetery.

TWO KANSAS AGGIE ALUMNI WRITE FOR NEW QUARTERLY

N. A. Crawford Also One of Contributors to Janus

Two K. S. A. C. alumni and a former department head were contributors to the first issue of Janus, a quarterly review launched in Washington, D. C., last fall. Josephine Hemphill, '24, contributed a short story, "Roller Coaster;" Morse Salisbury, '24, a book review; and Nelson Antrim Crawford, former head of the departments of English and industrial journalism, a review of three books of poetry.

Miss Hemphill and Salisbury are both with the United States department of agriculture in Washington, and Crawford is editor of the Household magazine, Topeka.

Janus—say the editors in an introductory announcement—is sincerely and honestly devoted to the policy of having no policy, and is to be a quarterly review of letters, thought, and the new mythology.

LOOKING AROUND

KENNEY L. FORD

Only a few responses were received from listeners to the sixth annual radio night program broadcast by station KSAC Friday night, February 14. It seems that most radio fans, Kansas Aggie folks included, do not bother about communicating with the station from which a program is broadcast.

The following greetings are appreciated:

"We especially enjoyed the two point lead the Aggies made. Every voice in speaking made us wish we were at Manhattan but as circumstances made it impossible to be there we just say three rahs for the radio program." —Mr. and Mrs. F. M. Seekamp, Mulvane.

"I heard nearly all the program quite plainly and heard the bell for three minutes. Was interested to hear the first dandelion had appeared, so I suppose the snow is gone. We still have some here on north side of the bluffs near by, though we had neither as much snow nor as much zero weather as Kansas.

"Had expected to hear more reminiscences from Dean Willard and talks from Ahearn, Bo McMillin, and the captains but suppose they had mike fright." —F. E. Uhl, '96, Farmington, N. M.

"Friday evening was the first time I ever had your station and it came in so clear. Enjoyed the basketball game very much. Hope to hear you again." —Mrs. Jack Burley, 215 Court street, St. Joseph, Mich.

"We enjoyed the basketball game broadcast hugely. Also listened in to the alumni night. We appreciate the basketball games especially as we are too far away to get to attend any of them." —E. E. Ferguson, f. s. '09, Valley Falls.

"Heard your broadcast of the Kansas Aggies and Missouri Tiger basketball game tonight, and enjoyed it very much. What a game! What an announcer! Hurrah for Kansas Aggies!" —Carroll Witmer, Route 2, Maxwell, Iowa.

"Your broadcast last night and all the others came in fine. I don't know how the game 'took' there in the hall but we got close to heat attack after the second half commenced. If the Aggies could make all of those free throws we would have been nearer normal." —J. H. Lansing, Chase.

Last fall a prize of \$25 was offered for a suitable name for the K. S. A. C. campus. The idea seemed to be that since a few colleges or universities do have a name that applies to their campus, it was time a name was given to the K. S. A. C. campus.

As a result of the offer a few names were submitted, but in the judgment of the contest committee none of the names suggested were distinctive enough to be awarded the honor of being the name for our campus. The task of selecting a name for the campus was deferred with the hope that some alumnus would solve the problem and submit a satisfactory name. Perhaps a dozen names have been suggested by alumni, all of them fine and no doubt worth \$25, but unfortunately they are all different.

Marcia E. Turner, '06, professor of home economics, Iowa State college, seems to sense the difficulty of naming our campus in the following letter:

"I am wondering whether the slow response from the alumni in the matter of a name for the campus may not be because many others like myself do not understand what it is all about. At the risk of appearing dumb, may I ask why we need a name? Isn't the name of the college sufficient to serve the campus as well?

"The name Kansas State Agricultural college certainly has dignity befitting the institution. I hope sometime the 'agricultural' may be omitted because of the limitations it imposes and also for brevity. The name K. S. A. C. seems to me to sacrifice dignity for brevity, and I have found, too, that it usually lacks significance to people outside the state.

"If it is sentiment we want, it seems to me it comes by association rather than by name. As to the type of names which have been submitted, as a loyal member of the alumni I am 'agin' them. If we must have a

name for goodness sake don't let us sound like an old fashioned country school house or a farmstead."

'Rag Bag Raffy' Thursday

Rag Bag Raffy, a tacky party for all college women, both students and faculty members, and for local high school girls, will be given by the Women's K fraternity in recreation center tomorrow night. A prize will be awarded to the couple dressed most originally. Winners of the women's bowling contest will be announced at the party.

AMONG THE ALUMNI

Mabel Hinds, '17, is home demonstration agent at Sheridan, Wyo.

Florence Justin, '16, has charge of nursery school work at Ohio university, Athens, Ohio.

The address of Carl D. Gross, '23, is c/o Rockefeller foundation, 61 Broadway, New York City.

J. H. Neal, '24, is instructor in agricultural engineering at the University of Minnesota, St. Paul.

Margaret Brenner, '26 and '29, is head of the home economics department at Stephens college, Columbia, Mo.

The address of Marguerite L. Richards, '29, and Frances M. Richards, '27, is 5452 Bond street, Oakland Calif.

Lora F. Thiele, '28, is a departmental teacher in one of the grade schools of Kansas City, teaching geography and art.

George E. Denman, '16, principal of the high school at Pocatello, Ida., made the address at a banquet which Kansans in and near Pocatello held on Kansas day.

Dr. H. A. Mills, a 1927 graduate in the division of veterinary medicine, is with the state bureau of animal industry, Jersey City stockyards, Jersey City, N. J.

M. W. Schottler, '07, was a recent campus visitor attending the lighting school at the electrical department. "Schott" is an electrical contractor at Emporia.

George W. Hinds, '21, who is county agricultural agent of Reno county with headquarters at Hutchinson, attended the K. U.-K. Aggie basketball game February 14.

Beulah Shockey, M. S. '29, is associate professor in the school of home economics, Oklahoma A. and M. college, Stillwater, Okla. Miss Shockey was a campus visitor recently.

Charles W. Fryhofer, '05, who is with the United States department of agriculture as supervising inspector of dairy products with headquarters at St. Paul, Minn., was a campus visitor recently.

Web Sproul, '28, has resigned his position with the United Power and Light corporation of Abilene and is now with the engineering section of the Kansas State Highway commission with headquarters at Lawrence.

Ralph Horne, a former student at K. S. A. C., has purchased an interest in Lowe's Printing and Publishing company, Topeka, and now is associated with Jack Lowe, who has operated the company the past four years.

Since leaving K. S. A. C. in 1924 Horne has held a position with the Farmers' National bank in Topeka.

HEAVIER CLOTHING NEEDED IN PEKING THAN IN ALASKA

Shopping Is Favorite Sport, Jamie Cameron Writes

Jamie Cameron, f. s., who is spending the year in Peking, China, writes that her brother, Bert, f. s., who is with the American marines, has recently been transferred there.

She says that the weather is extremely cold in Peking and that she wears heavier clothes than were necessary in Alaska. Money depreciation in China has brought about some strange results. The marines are paid in gold and the school teachers in Mexican silver. Consequently a private makes more money than a school teacher. Shopping is the favorite sport in China. Everybody shops when it is not too cold. The shops are not heated except for a small stove where the tea is kept warm.

RECENT HAPPENINGS ON THE HILL

A Y. W. C. A. retreat was held in the Congregational church February 22. Robert Ingless of Emporia was the principal speaker.

The women's glee club will go to Fort Riley March 4 to present "Glee Club Jollities," the act which the club presented in Aggie pop.

In one of the K. S. A. C. greenhouses two bunches of bananas are ripening. The tree is 18 years old and has produced 24 bunches of fruit.

Norman Thomas, New York City, Socialist candidate for president in the last election, will speak at student forum next Wednesday, March 5.

The K. S. A. C. representative for the 1930 Missouri Valley Oratorical contest will be selected at tryouts this afternoon in recreation center at 4 o'clock.

Prof. H. E. Bradford, of the University of Nebraska, spoke to the seniors, who are planning to teach, last Thursday afternoon in room 26 in chemistry building.

Dean E. L. Holton, head of the department of education, left Thursday, February 20, for Atlantic City where he will attend the annual meeting of the National Educational association.

At the Y. W. C. A. election which was held Friday, February 21, Dorine Porter, Stafford, was elected president for next year. The other officers were: vice-president, Margaret Darden of Manhattan; secretary, Alice Louise Fincham of Pratt; treasurer, Corabel Tolin of Havensville.

Phi Mu Alpha, men's professional music fraternity, elected six new members Monday, February 17. Those who were elected were: Prof. E. K. Chapin, of the department of physics; P. E. Markley, Bennington; Carl G. Ossman, Concordia; E. W. Green, Concordia; Marvin Davis, Rossville; and Austen Morgan, Lebo.

WORLD NEEDS FRIENDSHIP, SAYS BISHOP JAMES E. WISE

Makes Aversion of War Possible, Forum Speaker Believes

"That quality we should add to our lives to make them blossom into power and beauty is the capacity to love and to cultivate the spirit of friendship and good fellowship," said Bishop James E. Wise, Topeka, in his talk, "Value of Friendship," at student forum Wednesday.

"The world needs friendship to solve national and international problems," continued the speaker. "It breeds confidence and faith, and clears away misunderstandings that hurt; it reaches out to international relations and hacks at the door of prejudice, making it possible to arrive at peaceful agreements and avert war."

Bishop Wise, head of the Kansas diocese of the Episcopal church, named three things from which the spirit of friendship is cultivated—thoughts, words, and deeds.

"The thing called character," he said, "grows from our thoughts, words, and deeds, and to keep these pure and clean, we must do as the city engineer does who wants to keep the water supply pure—watch the source.

"We can make anything we want of our lives," Bishop Wise said, "make them dry and barren by cynicism, skepticism, scoffing, and sneering, or cultivate the habit of thinking kindly thoughts about life and facing it with courage."

Big Six Scores

Missouri 29, Kansas U. 18.
Iowa State 25, K-Aggies 24.
Nebraska 52, Iowa State 50.
K-Aggies 37, Oklahoma U. 32.

GAMES THIS WEEK

Feb. 27—Kansas U. vs. Iowa State at Ames.

March 1—Kansas U. vs. Nebraska at Lincoln.

March 1—Oklahoma U. vs. Missouri at Columbia.

March 5—Kansas U. vs. Missouri at Lawrence.

AGGIES FINISH SEASON BY DEFEATING SOONERS

FOUR VETERANS PLAY LAST COLLEGE BASKETBALL GAME

Conference Race Still Unsettled With Kansas U., Nebraska, and Missouri in Running—Important Games To Be Played This Week

The finish to an exciting Kansas Aggie basketball season was written Monday night with a 37 to 32 victory over Oklahoma university at Norman. Four more games remain to be played in the Big Six conference, all with a bearing on the championship. Kansas university is leading the conference at present with six victories and one defeat, but must play Iowa State, Nebraska, and Missouri each once. Missouri is in second place with six victories and two defeats and must play the last place Oklahoma team and the Jayhawks. Third place is held by Nebraska, with six victories and three defeats, and one remaining game with K. U. Several possibilities remain in the conference race—and undisputed championship held by either Missouri or Kansas universities; a tie between the two schools; a three way tie between Missouri, K. U., and Nebraska; or a two way tie between Missouri and Nebraska.

The final Kansas Aggie standing depends on the Iowa State-K. U. game this week. A Jayhawk victory would put Ames in a tie with the Aggies for fourth and fifth place, and an Ames victory would put the Aggies in fifth and Ames in fourth.

In the victory over Oklahoma at Norman the Wildcats led all the way save for a minute in the last half when the Sooners were ahead 20 to 19. At the half the Wildcats led 15 to 12.

For Oklahoma Captain Churchill starred with seven field goals and a free throw. The Oklahoma team, for two years undefeated in the conference, has lost nine consecutive games this season.

It was the last college game for Captain C. D. Richardson, Hugoton; A. H. Freeman, Hoxie; Kermit Silverwood, Ellsworth; and Ray Russell, Kansas City.

For the Aggies Captain Richardson led the scoring with five field goals. Nigro, who played in the last 15 minutes, made three field goals and as many free throws.

The summary:

Kansas Aggies (37)		
Silverwood, f	3	1
Russell, f	1	0
Nigro, f	3	3
Cronkite, c	1	0
Freeman, c	0	2
Richardson, g	5	0
Auker, g	2	0
Fairbank, g	0	0
Totals	15	7

Oklahoma U. (32)		
Churchill, f	7	1
Meyer, f	2	0
May, f	0	0
Roberts, c	0	0
Jerome, c	0	0
Graham, g	1	0
Culbertson, g	0	1
Noble, g	1	2
Grady, g	2	0
Totals	13	6

Officials, Quigley and Olds.

NORA M. HOTT, '14, TO HEAD HOME DEMONSTRATION AGENTS

Colorado Ag College Announces Appointment of K. S. A. C. Grad

Nora M. Hott, '14, of East Greenwich, R. I., who has had wide experience as a home demonstration agent, costume designer, and teacher, has been appointed leader of home demonstration agents and clothing specialist for the extension service of the Colorado Agricultural college, Fort Collins, it was announced recently by F. A. Anderson, director.

Miss Hott has her master's degree from New York university and has studied extensively in the New York fashion academy. She taught home economics in Kansas and Montana high schools before becoming home demonstration agent at Lewiston, Mont. From there she entered similar work in Minnesota and later became clothing specialist for that state.

Desiring advanced training, Miss Hott left Minnesota to attend New York university in 1925. She did commercial work for a large clothing house of that city as well as free lance designing of dresses while going to school and for two years afterward. For the past year she has been home demonstration agent at East Greenwich, R. I.

Ames Swimmers Win

Iowa State college won a triangular swimming meet at the Kansas City Athletic club pool last Saturday, with 70 points. Kansas university was second with 23 and K. S. A. C. third with 20. Unser of Ames established a new conference record in the 100 yard free style race, of 1 minute 3.2 seconds. Iowa State won the conference championship last year.

CYCLONE COURT TEAM WINS LAST HOME GAME

Rally in Last Few Minutes Sweeps Away Aggie Lead of Eight Points

A finish in keeping with their nickname of "Cyclones" gave the Iowa State college a 25 to 24 basketball victory over the Kansas Aggie team here last Friday night.

The Wildcats led at the half 15 to 10, and at one time in the third quarter were leading 20 to 10. During the first three quarters the Aggie defense functioned as never before this season, and the offense was doing fairly well.

Then, with the score 24 to 16 and six minutes to go, Captain Woods of Ames slipped in a basket. A minute later Roadcap, little Ames forward who had been closely covered during the entire game, slipped away under the goal to make the score 24 to 20.

Time was getting short and the Aggies started to stall, but one of their number failed to see an Ames man, who came from behind, grasped the insecurely held ball, and passed to the waiting Woods, who again scored.

A little later the irrepressible Woods tossed in a goal from center to tie the score. In the remaining minute Wilcox made a free throw, and various Aggie basket attempts were unsuccessful. It was the last home game of the season.

The summary:

Iowa State (25)		
Woods, f	4	3
Roadcap, f	2	1
Heitman, c	2	0
Rieke, g	0	4
Hawk, g	1	2
Wilcox, g	0	1
Totals	9	7

K-Aggies (24)		
Nigro, f	4	0
Russell, f	1	1
Cronkite, c	1	4
Auker, g	1	2
Richardson, g	1	3
Totals	8	8

Officials—Parke Carroll, E. C. Quigley.

PROGRESS OF KANSAS PRESS

F. E. C.

While Albert L. Higgins is taking a few weeks rest from management of the Linn-Palmer Record, Lynn Horwege is substituting for him as advertising manager. Lynn fills the Record with display ads each week and writes a column "Scratches on the Record."

Always a splendid feature of the Advocate-Democrat at Marysville, the editorial page seems to be even better of late. Timely comment on present day issues always is appropriately made by the Brodricks. Just a week or two ago the editorial writer let Robinson Crusoe pinch hit for him. The excuse was that the regular editor had to work on his income tax report and so used sketches from Daniel Defoe's famous novel.

The Junction City Republic is giving accredited chicken flocks in Geary county a boost with its front page feature, "Geary County Chick News." The column is written by Paul Gwinn, county agricultural agent.

The Washington County Register announces its intention of buying a new press, model and make to be announced later.

The Wamego Reporter believes in putting on its own circulation campaign and has hired a man to work the subscription list.

Number 1 of the Lindsborg Progress, a weekly newspaper, was put in the mails late in January. It was published by the Lindsborg Progress Printing company. Officers of the concern are C. A. Nelson, president; H. J. Thorstenberg, vice-president;

ALUMNI ASSOCIATION MEMBERSHIP IS URGED

'MODERN SOCIETY REQUIRES ORGANIZED EFFORT,' SAYS SNYDER

President of K. S. A. C. Association Points Out Inadequacy of Student Loan Fund in Talk Over Radio Station KSAC

Telling his audience that he felt just as proud of being president of the K. S. A. C. Alumni association as he felt while delivering his graduating oration 40 years ago from the platform of the old college chapel, Ralph Snyder urged support of the association in an address given over radio station KSAC on alumni night, February 14. Snyder was unable to be read by Dr. W. E. Grimes.

Answering the question, "Why should I join the alumni association and what do I get for my money?" Snyder said, "You get an opportunity to be of real service in maintaining an institution that has helped make you the good, successful citizen you are today; that has been an important factor in making Kansas what it is; and that, properly supported by you, will build for better citizenship in Kansas for an indefinite time."

ORGANIZED EFFORT NEEDED

"Our college is supported at state expense, yet its future is largely in the hands of its friends, and its principal friends are its graduates and former students," Snyder said. "Modern business and society require organized effort. Individual effort and influence carry little weight. So it is that an alumni association carries its influence in exact ratio to the organized effort which it can put forth."

After telling of the two classes of alumni association memberships available (life and annual) and of the cost of each (\$3 annual, \$50 life, or \$75 for husband and wife for life) Snyder told of the purpose for which the fees were used.

"Annual memberships are used to support the alumni organization. The life membership fee is retained intact as an endowment fund which is loaned to students, interest on the fund is used as maintenance," he said.

LOAN FUND LOW

"The loan fund is augmented by loans from several student associations desirous of seeing their surplus funds put to the best use possible, and by individuals, some of them already life members, desirous of assisting in a worthy cause."

"Right now we are hard put to it

to supply the demand for loans. We have a total of \$24,000 in the fund and probably could use close to \$100,000. We loaned more than \$3,500 during January.

"You probably will be interested in knowing that during all the years in which we have been handling this fund not a dollar has been lost and we have no notes on hand that are not considered good."

TEN VETERANS RETURN FOR BASEBALL SQUAD

Fourteen Games, All in Conference, on Tentative Schedule—Practice Starts Next Monday

Familiar faces will compose the 1930 Kansas Aggie baseball team unless some of the sophomores are able to bench letter men. Ten holders of K's, three of them pitchers, will report for the first practice next Monday afternoon under Coach C. W. Corsaut, who is through with basketball worries for another season.

Heading the team will be Captain L. M. Nash, Long Island, third baseman. Of the 12 letter men of last season only Glen Gilbert, Olathe, relief pitcher, and former Captain Kirk Ward, Elmdale, right fielder, will be missing. Last year the Aggies tied with Missouri for second place in the conference, losing five games by a run each.

"Nebraska, the champions of last year, look to be most formidable again this season," Corsaut commented. "They have virtually their entire team back, and it's a dandy. Just as in all other sports, there aren't any easy teams in the Big Six in baseball."

Letter men returning, in addition to Nash, include W. H. Meissinger, Abilene, catcher; Will Towler, Topeka, first base; Wallace Forsberg, Lindsborg, second base; Marion Evans, Gove, shortstop; Robert McCollum, El Dorado, left field; Alex Nigro, Kansas City, Mo., center field; and T. E. Doyle, Manhattan; A. H. Freeman, Hoxie; and H. J. Barre, Tampa, all pitchers.

Among other members of the pitching staff are E. L. Auker, Norcatur; and W. G. Nicholson, Neal.

Other candidates, either sophomore or non-letter men, include Tom Petty, Manhattan; Frank Prentup, Fort Riley; and H. T. Hyde, Wichita, infielders; and D. E. Price, Wakefield; E. P. Lawrence, Eads, Colo.; R. A. Bell, Beverly; and R. B. Smith, Herington, probably outfielders.

At present only 14 games are scheduled, all in the conference, but others will be added and some of the present dates changed. St. Mary's college will be met either once or twice.

The schedule thus far:

April 11-12—Oklahoma U. at Norman.
April 25-26—Kansas U. at Manhattan.
May 9-10—Missouri U. at Manhattan.
May 16-17—Iowa State at Ames.
May 20-21—Oklahoma U. at Manhattan.
May 23-24—Nebraska U. at Lincoln.
May 27-28—Kansas U. at Lawrence.

SEED CORN TREATMENTS UNNECESSARY IN KANSAS

Tests Indicate Selection by Germination Is Best Plan

Corn seed treatment in Kansas apparently makes no material difference in stand, vigor of plants, final yield, or quality of the crop produced, according to E. H. Leker, extension plant pathologist, K. S. A. C. Comparisons made of 20 treated and untreated plots on as many farms with different "dusts" and as many tests on the college agronomy farm provide the data for the conclusions concerning the ineffectiveness of corn seed treatment. Farmers are advised to make sure their seed has strong vitality by germination tests and to plant in the usual way.

Oklahoma Singers First

Oklahoma university won the Missouri Valley Glee club contest at Norman, Okla., February 14. The Sooners also won the contest last year. Sterling college took second place and Washington university of St. Louis was third. Clubs were entered from Kansas university, Missouri university, Oklahoma A. and M., Southern Methodist university, and K. S. A. C.

WILDCAT TRACK MEN WILL MEET MISSOURI

AGGIES HAVE CHANCE TO DOWN TIGERS IN DUAL MEET

Closing of Basketball Season Adds Material to Indoor Squad, Especially in Field Events—Meet in New Field House

An outside chance at victory is given the Kansas Aggie track team by Old Man Dope, in the indoor track meet in the new Missouri university field house at Columbia Friday night. Missouri recently was defeated by Nebraska.

Close of the basketball season will add four likely candidates to the track roster, including H. O. Cronkite, weights; George Wiggins, weights and hurdles; Ralph Vohs, high jump and pole vault; and Forrest Schooley, pole vault. J. E. Smith, letter man in the shotput, also is expected to be ready for the shotput.

The Wildcats will compete in the broad jump against the Tigers, for the first time this year. H. A. Elwell, Hutchinson, won the event in the varsity-freshman meet last Saturday, with a leap of 20 feet 3 inches. Major Bliss, Minneapolis, and Harry Hinckley, Barnard, were close behind with a shade under 20 feet. All three will make the Missouri trip, and should be going around 21 feet with another week of practice.

FRESHMEN WIN THREE FIRSTS

In the varsity-freshman meet all but three events were won by varsity men. Three freshmen took first and second in the quarter mile with J. L. Edie, Merriam, holder of the high school record at the Kansas relays, first in 51.8 seconds. W. R. Philip, Hays, holder of the state high school record, was second, and C. M. Kopf, Beverly, was the third—the first varsity man to finish. All three were well bunched and Lud Fiser, Mahaska, varsity man, was not far behind. Kopf set a new K. S. A. C. indoor record of 54.1 seconds in the dual meet with Kansas university recently.

Other freshman first places were won by C. R. Socolofsky, Tampa, in the shot, and Marion Pearce, Miltonvale, in the two mile run.

EHRLICH SPIKES SELF

Milton Ehrlich, Marion, who set a new indoor college high jump record at 5 feet 11 1-2 inches and this year raised it to 6 feet 1-4 inch at the K. C. A. C. meet, spiked himself in jumping Saturday but probably will be ready for the Missouri meet.

Entries for the dual are as follows:

60 yard dash—H. A. Elwell, Hutchinson; Major Bliss, Minneapolis; H. W. Hinckley, Barnard.
60 yard low hurdles—H. W. Hinckley, Barnard; Major Bliss, Minneapolis; A. D. Fornelli, Cherokee.
60 yard high hurdles—A. D. Fornelli; M. B. Morgan, Manhattan; K. R. Huyck, Morrowville.
440 yard dash—Lud Fiser, Mahaska; C. M. Kopf, Beverly; H. R. Williams, Valley Falls; H. A. Coleman, Denison.
880 yard run—Captain H. S. Miller, Kansas City; P. W. Dutton, Burlington; Wallace Forsberg, Lindsborg; E. C. Black, Utica; H. R. Williams.
1 mile run—H. S. Miller, Wallace Forsberg, E. C. Black; O. L. Toadvine, Dighton.
Two mile run—Miller, Toadvine; J. C. Carter, Bradford; H. D. Richardson, Long Island.
Shotput—H. O. Cronkite, Belle Plaine; F. L. Schooley, Hutchinson; J. E. Smith, Woodward, Okla.; H. R. Williams.
Pole vault—Ralph Vohs, Parsons; Schooley; Willis Jordan, Claflin; Coleman.
High jump—Ehrlich; O. H. Walker, Junction City; Ralph Vohs.
Broad jump—Elwell, Bliss, Hinckley.
Mile relay—Fiser, Williams, Coleman, Kopf, Elwell, Bliss, Hinckley.

TWO MEMBERS OF FACULTY FURNISH TRAVEL SCHEDULES

Dean Justin, Prof. J. P. Calderwood, Available for Alumni Meetings

Local alumni associations always appreciate a representative from K. S. A. C. at their various meetings. By knowing faculty travel schedules in advance various local alumni groups may well arrange meetings at a time that a faculty member is to be in their community. Local alumni officers should make definite arrangements for faculty speakers through the K. S. A. C. alumni office or by writing to the faculty member. Note the following travel schedules:

Dean Margaret Justin—Atlantic City, N. J., February 22 to 26, Chelsea hotel; Washington, D. C., March 3 and 4, Dodge hotel; Chicago, Ill., Edgewater Beach hotel, March 5 to 7.
Prof. J. P. Calderwood—New York City, April 5 and 6; Washington, D. C., April 7 to 9.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, March 5, 1930

Number 21

MODERN WATER COLORS HERE FOR EXHIBITION

AMERICAN WORK PREDOMINANT IN
THIRTY PAINTINGS DISPLAYED

Leading Artists Included in Show from
Weyhe Galleries in New York City
—Will Remain Up Until
March 15

The work of leading modern artists is on display in the department of architecture galleries, where 30 modern water colors, mostly by American artists, are being shown. The exhibition, which is from the Weyhe galleries in New York City, will remain up until March 15. It is the first of a series of three spring exhibitions.

"The show is rather inclusive of many of the better known artists," says John F. Helm, assistant professor of freehand drawing. "The water colors have a lightness and spontaneity forgotten in oils. They express joyousness and humor in a free and colorful manner."

"Modernism has arrived." A museum of modern art has been started in New York City, and even that conservative stronghold, the Grand Central galleries, has an exhibition of modern art. Weyhe, who sent us the present exhibition, is one of the men who backed the American artists in the early days, doing much to help them become established and recognized."

ROCKWELL KENT VERSATILE

Rockwell Kent, one of the leading American artists (recognized as a modern), is included in the exhibition. Of him Frank Crowninshield, writing in Creative Art, said, "Kent can play a variety of roles—theatre art, water color, illustration, paintings, writing, and engraving—and what is extraordinary is that his work belongs along with the best ones in each media."

Charles Demuth, whose water color, "Bathers," is in the show, is according to Henry McBride, the critic, one of the six outstanding American artists, and McBride's opinion is found to rest on Demuth's achievement in water colors.

George Biddle, who has done work in Haiti, Tahiti, Cuba, and Mexico, is represented by Haitian paintings. His work is characterized by gay decorative feeling.

Wanda Gag, made famous by her illustrations for "Millions of Cats," is shown at her best.

GANSO BRILLIANT AND FACILE

Emil Ganso, a brilliant, facile painter, is somewhat reminiscent of the French—perhaps because he is a pupil of Jules Pascin. Ganso is one of the more prolific painters. His tutor, Jules Pascin, is a Bulgarian who resided in Paris a long time but is now classed with the American group. His work is strongly French. Raynal, in "Modern French Painters," says that Pascin "charms us by his highly individual visions of a world of his own, the phrases of which he rehearses in a drawing that is bold, frequently powerful in its feeling comment—and strangely fascinating."

Maurice Vlaminck is one of the leading French landscapists. He is essentially self taught. In the early 1900's he joined the "Fauves"—or those who styled themselves "the wild beasts of French painting." His work is very individual and essentially popular.

Jean Cocteau, the French writer and painter who is frequently the center of a controversy because he is taken seriously when he doesn't intend to be, is represented by rather amusing hyper-realistic work.

L'Engle, who did "Girl Leaning Upon Her Elbow" for the current exhibit, is one of the group of modern American women painters.

The department of architecture galleries are on the third floor of the engineering building.

Coaches a Winner

Lonnie J. Simmons, '28, vocational agriculture instructor in the high school at Vinland, had second high

pupil in an essay contest for students attending the fourth annual National Congress of Vocational Agriculture students at Kansas City in connection with the American Royal. Essays were on the subject, "The Value of My Trip to the American Royal Live Stock Show to My High School Work." Leslie Fry of Louisiana, Mo., won first prize, and James York, Vinland, second place.

BEAUX ARTS AWARDS TO THREE STUDENTS

K. S. A. C. Architects Get Honorable
Mention in Competition With Lead-
ing Canadian and U. S. Schools

Three K. S. A. C. students in architecture received awards of honorable mention from the Beaux Arts Institute of Design, New York City, in a recent competition in which 3,000 entered.

The students who won mention are: Ruel S. Walker, Galena; Roland E. Adams, Manhattan; and C. A. Rind, Salina. The award of honorable mention is equivalent to a scholastic grade of A. Medal, the only higher award, is equivalent to a grade of A plus.

The Beaux Arts Institute of Design is an organization of universities and colleges with architectural departments that meet certain scholastic requirements. Among the schools which belong to the Beaux Arts Institute of Design are Carnegie institute, Armour institute, Columbia university, Cornell university, Ecole des Beaux Arts of Canada, Georgia Tech, Princeton, Yale, Syracuse university, Notre Dame, Harvard, and others.

Every college belonging to the institute is presented with the problem to be used in the competition. The problem for the contest was to design "A restaurant on the water," at the confluence of two rivers.

Grading is based upon design, draftsmanship, rendering, and originality. Other technical points are considered by the judges placing the awards. Several may receive the same grading.

Competing institutions are among the best known architectural schools in the United States and Canada. Graduates of K. S. A. C. who are taking advanced work in eastern universities were entered in the competition.

McKELVIE SPEAKS HERE AT MARKETING SCHOOL

Three Other Specialists, Representa-
tives of Farm Board, On Coop-
erative Conference Program

Four representatives of the federal farm board and its marketing machinery will speak at the third annual school of cooperative marketing to be held here tomorrow and Friday under the direction of the K. S. A. C. agricultural economics department.

Samuel R. McKelvie, former governor of Nebraska and grain member of the federal farm board, will be the leading speaker tomorrow. Other speakers representing the farm board are Hutzler Metzger, C. G. Randall, and B. B. Derrick, all of the division of cooperative marketing of the board.

Other speakers are C. E. Huff, vice-president, Farmers National Grain corporation, and president, National Farmers union; Dr. O. O. Wolfe, Ottawa, Kan.; Dr. F. D. Farrell, president, K. S. A. C.; and Dr. W. E. Grimes, head, department of agricultural economics, K. S. A. C. A number of Kansas cooperatives have instructed their boards of directors to attend the marketing school, according to Doctor Grimes.

Big Six Scores

Iowa State 30, Kansas U. 27.
Kansas U. 36, Nebraska U. 35.
Missouri U. 36, Oklahoma 20.

GAMES THIS WEEK

March 5—Kansas U. vs. Missouri at Lawrence.

NORMAN M. THOMAS IS CHAPEL SPEAKER

'EDUCATION—FOR WHAT?' WILL BE
ASSEMBLY SUBJECT

Lecturer Was Socialist Candidate for
President in 1928—Now Director
of League for Industrial Democ-
racy—Noted as Author

Norman Thomas, nationally known lecturer, author, and at various times a candidate for office on the Socialist ticket, will speak at college assembly Thursday morning on the subject "Education—For What?" He also will speak at student forum at the college cafeteria Thursday noon on "Sham and Reality in American Politics."

Thomas is a graduate of Princeton university and the Union Theological seminary. He is an ordained minister of the Presbyterian church, and from 1911 to 1918 was actively engaged in church work.

He is an editor, economist, and lecturer of some note, and at the present time is chiefly active as director of the League for Industrial Democracy, with headquarters in New York City.

In 1924 Thomas was a candidate for governor of New York on the Socialist ticket, and in 1925 for mayor of New York City. In the 1928 campaign he was the Socialist candidate for president of the United States. He founded the World Tomorrow, and is a contributing editor to that publication and also to the Nation and the New Leader.

Thomas is perhaps the most widely known lecturer to appear on the college assembly program this year.

ADVISES SOIL ACIDITY TEST IN EAST KANSAS

Throckmorton Suggests Farmers Con-
sult County Agent Before Plant-
ing Alfalfa or Sweet Clover

Kansas soils should be tested for acidity before planting alfalfa and sweet clover, Prof. R. I. Throckmorton, head of the agronomy department at K. S. A. C., suggests. Soils in western Kansas are mainly neutral or alkaline in reaction and therefore may be cropped with little or no attention paid to the acidity of the soil. Upland soils in eastern Kansas are mostly acid, and before planting alfalfa or sweet clover in the eastern two-fifths of the state it is a good plan to make the acidity test.

The tests are of two kinds—qualitative and quantitative. Both may be used, but the former is more practical and meets the necessary requirements. Farmers may be able to conduct the test, but it is usually advisable that they send in representative soil samples to the college for a more reliable test or that they have the county agent do the work for them.

ENGINEERS PREPARE FOR 1930 OPEN HOUSE

Recent Products of Best Research Lab-
oratories Will Be Displayed
March 21 and 22

Much that is new in every department of engineering science will be brought together at engineers' open house which will be held March 21 and 22. Manufacturers of engineering equipment are cooperating with the managers of the engineering division's reception, and are furnishing them with apparatus for exhibition.

The open house is also for the purpose of showing something of the nature of the work done by the various departments of the division.

The first open house, held during December, 1920, was not a well coordinated affair. The architects first gave an exhibition of the designs and sketches made in that department. Then the mechanicals, electricals, and civils followed with an open house and invited the public to see what they had been doing.

In the following years the engineers' open house has become an institution upon the campus. It is esti-

mated that approximately 3,000 persons saw the exhibits last year.

This year the program is to include a lecture on audible light and visible sound, the theory of television, Friday evening, March 21, in the auditorium. A dance will be given in the gymnasium Saturday evening, at which the election of the most popular senior engineer will be held.

NOTED CHEMIST SPEAKER BEFORE LOCAL SOCIETY

Doctor Kraus of Brown University Will
Discuss Study of Liquid
Ammonia

"What Has Been Learned from the Study of Liquid Ammonia" is the subject of the principal address to be given before the regular meeting of the local section of the American Chemical society, to be held Thursday night at 7:30 o'clock in C 26. Dr. Charles A. Kraus of Brown university will be the speaker.

Some of the topics of the lecture, as quoted from an advance notice, are as follows:

"Aside from water, liquid ammonia is the best solvent that we have in which to study the properties of a variety of substances in solution."

"In certain respects liquid ammonia is superior to water, since it is capable of dissolving metals and metallic compounds as well as a great many salts which would be completely hydrolyzed in aqueous solutions."

Doctor Kraus was graduated from Kansas university in 1898. He did research work on liquid ammonia at Lawrence, spent a year at Johns Hopkins, and then taught at California university for three years. He received his doctor's degree from the Massachusetts Institute of Technology in 1908. From 1914 to 1924 he was professor of chemistry at Clark university, and is now professor of chemistry at Brown university. He is on an extensive lecture tour.

DR. WALTER WISNICKY TO IMPORTANT POSITION

Veterinary Division Graduate New Di-
rector of Live Stock Sanita-
tion for Wisconsin

Word of the appointment of Dr. Walter Wisnicky, '26, as state veterinarian of Wisconsin was received here recently by Dr. R. R. Dykstra, dean of the division of veterinary medicine. The appointment will take effect March 1.

Doctor Wisnicky received both the degrees of bachelor of science in agriculture and doctor of veterinary medicine at the time of his graduation. He was honor man of his class, and was elected to membership in Phi Kappa Phi, national scholastic fraternity.

"After graduation Doctor Wisnicky accepted a position with the University of New Hampshire, where he remained two years," Dean Dykstra said. "He then located as a veterinary practitioner in Fond Du Lac, Wis., where he has built up an enviable reputation."

The position to which Doctor Wisnicky goes is known technically as "state director of livestock sanitation."

Play Contest March 29

Four one act plays will be presented in the third annual intersociety play contest, to be held March 29 in the college auditorium. A prize will be awarded to the societies producing the best play of the evening. The Hamilton-Ionian production won last year.

Blackledge to Houston

Ralph Blackledge, f. s., formerly national advertising manager of the Rocky Mountain News, Denver, Colo., has recently been transferred to Houston, Tex., where he is national advertising manager for the Houston Press, another Scripps-Howard paper.

HIGH SCHOOL PUPILS IN SCHOLASTIC "MEET"

BLANKS MAILED FOR NINTH AN-
NUAL STATE WIDE CONTEST

Scholarships Valued at \$300 and Cash
Prizes Totalling \$90 Offered to
Winners—Entries Close
April 6

Announcements of the ninth annual high school scholarship contest conducted by the Kansas State Agricultural college were in the hands of principals and superintendents this week. Last year more than 4,000 high school students from more than 150 high schools took part in the contest, according to Prof. B. H. Fleenor and Dr. V. L. Strickland, who are in charge. Entries must be made by April 6.

Scholarships to the value of \$300 and cash prizes totaling \$90 are offered to contest winners.

TWENTY-FIVE SUBJECTS

Twenty-five subjects are listed for the contest, with each student to write on not more than three. The scholarship awards all go to students placing highest in any three of the first seven subjects listed. These subjects are: first year English, second year English, American history, social civics, first year algebra, plane geometry, and physics.

A \$100 scholarship at K. S. A. C. goes to the student placing highest in any three of the above; a \$75 scholarship to the second highest; \$50 scholarship to third; and \$25 scholarships to those ranking fourth, fifth, and sixth.

Cash awards are to those placing highest in any three of the last 18 subjects (those not included in the first seven). These are as follows: third year English, first year Latin, second year Latin, first year French, first year Spanish, world history, modern history, general agriculture, economics, sociology, commercial arithmetic, general science, biology, physical geography, physiology, first year home economics, etc.; second year home economics, etc.; vocational agriculture.

A \$35 cash prize is offered the student placing highest in any three of the above 18 subjects. Second prize is \$25, third prize \$15, fourth prize \$10, and fifth and six prizes \$7.50 each.

PARCHMENTS TO SCHOOLS

The school ranking highest in the first seven subjects of the list will receive a parchment certificate, as will the school ranking second. Gold medals will go to the student placing highest in each subject.

Local contests are to be held over the state, and winning papers in such contests mailed to K. S. A. C., thus avoiding the expense of sending the students themselves to the college for the contest, and giving every student opportunity to compete. The contest will be held April 25, and winners announced May 2.

CLUB ROUND-UP DATES JUNE 2-6, COE SAYS

Again Must Limit Number Attending to
1,200—Trip Rewards Out-
standing Workers

June 2-6, inclusive, are dates set for the eighth annual 4-H club round-up to be held at the Kansas State Agricultural college. In announcing the dates, M. H. Coe, state boys' and girls' club leader, said the plans would again be made to limit attendance to 1,200 boys and girls with an equal number of each coming from each county. The limitation has become necessary because of the large numbers who wish to attend. It also allows those doing the most outstanding work in the county to be rewarded and makes it possible for the staff at the college to handle visitors more efficiently.

Plan Y. W. C. A. Retreat

The annual Y. W. C. A. retreat will be March 8 and 9 at the Presbyterian cabin. Members of both the old and new cabinets will attend.

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, PRESIDENT.....Editor-in-Chief
C. E. ROGERS.....Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY.....Assoc. Editors
KENNEY L. FORD.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, MARCH 5, 1930

THE CALL OF A. A. U. W.

With its ideal to stimulate scholarship among women and widen the opportunities for original research work, the Manhattan branch of the American Association of University Women appeals to the college people of Manhattan to make financially successful its sponsorship of the Jean Gros French marionettes, which it brings here for two performances March 11. For upon this success depends in a large measure the future of the fellowship fund which this organization will offer next year to a graduate student.

In offering a graduate fellowship instead of an undergraduate scholarship as formerly, the association recognizes the ability of women to compete successfully with men in the field of research work—the importance of which today in the commercial and academic world can scarcely be overestimated—for fellowships make possible original research. In this it is following the lead of the national association which is raising \$1,000,000 to serve as an endowment for both national and international fellowships. With this fund the national association hopes to lessen to some extent the disparity between the number of fellowships available to men as contrasted with those available to women.

Achievements of women justify this faith of their sex in them. Of the 147 women who have held fellowships administered by the A. A. U. W. since 1895, 40 are listed in "American Men of Science" and seven are starred as being the most important contributors in their field. Of these 147, there are five from Kansas. It may be recalled that Dean Margaret Justin won her doctorate at Yale university on a fellowship offered by the American Association of University Women.

The college appreciates this gift of a fellowship at K. S. A. C. because it will stimulate research work and because it will attract here a high type of graduate student. Now comes that opportunity to show that appreciation of the efforts of the Manhattan women who are trying to make it possible and at the same time to enjoy two hours of delightful entertainment. For the Jean Gros French marionettes are acclaimed the best and most versatile marionette troupe that ever danced on the end of a string and their puppeteers real artists. And who doesn't love a puppet show!

EDUCATION IN THE SOUTHWEST

A new library building costing a half million dollars was recently dedicated at the University of Oklahoma. Five million dollars worth of college buildings now stand in a spot that was prairie land and buffalo wallows only 30 years ago. Twenty years ago the university owned 1,500 books. The library now numbers 125,000 volumes housed in a fire-proof steel stack room of seven stories into which was put six carloads of steel and five miles of electric wiring.

Nearly 5,000 students attend this university, many of them sons and daughters of men who roamed the

prairies as cowboys. Approximately 200 students are Indians whose ancestors used this land as their hunting grounds. Among these Indian students is a small group of native Kiowas who are very artistic. They have painted upon the walls a series of pictures of Indian dancers which have attracted attention in the United States and abroad. Many of these drawings have been reproduced in France where they have had a large sale among European art patrons.

The progress of a nation is measured by the educational facilities which it makes available for its youth. The state of Oklahoma has made rapid strides forward in 30 years. The erection of this library is a notable contribution to the educational history of the southwest and is quite in keeping with the rapid changes now going on in the development of educational advantages.

MUSIC

Horatio Farrar, baritone, and the college trio, consisting of Max R. Martin, violinist, Lyle Downey, cellist, and Richard R. Jesson, pianist, appeared in joint recital at the college auditorium Sunday afternoon and delighted their audience with an hour of most pleasing music.

The first number of the trio, a recent composition in G minor by Earl McDonald, struck the keynote of the whole program, each of the three movements being marked by un seriousness and melody. Especially was the second movement, "Andante Sostenuto," enthusiastically received.

The trio in E flat major, op. 40, by Brahms, showed the typical Brahms avoidance of the standard and the expected—the melodies never seemed to get just where they wanted to go. Even the second movement, with its more playful mood and its faint suggestion of freedom, failed to make the group as pleasing as the McDonald number.

In their final appearance the trio presented two miniatures by Mortimer Wilson and the "March Miniature Viennoise," by Kreisler. These were particularly light and delightful, and were played with a grace and finish that caught the fancy of the hearers.

For his first group Mr. Farrar did two Leoncavallo numbers, "Prologue" (Pagliacci), and "Romanza di Cascard" (Zaza). Those who are acquainted with Mr. Farrar's singing must easily have detected a new freedom in his voice. In spite of the fact that he was bothered with a slight cold and some huskiness at times, his tones were rich, naturally resonant, and wholly free.

For his second group Mr. Farrar presented four songs: "Requiem," by Homer; "Blue are Her Eyes," by Watts; "Cargoes," by Dobson; and "Blow, Blow, Thou Winter Wind," by Sarjeant. Especially successful were "Blue are Her Eyes" and "Blow, Blow, Thou Winter Wind." Miss Ruth Hlavaty, pianist who accompanied Mr. Farrar, showed much charm and skill in that most difficult of all tasks for the pianist.

The next faculty recital will be given by Miss Hlavaty, pianist, and Mr. Sayre, tenor, next Sunday, March 9, at 4 p. m.

—H. W. D.

BEST TAX FOR FARMERS

Of all classes of taxpayers, farmers have the best reason to favor the personal income tax. Although some of them would pay a little of it in years of good income, other persons who may have little or no taxable property but who nevertheless enjoy substantial incomes would be required to help the farmer and other owners of tangible property to pay the cost of state and local government. This should reduce the farmer's total tax bill materially.

The farmer now is called on to pay the high tax on his property every year, no matter how small his income may be. The income tax, on the other hand, would reach him only when his net income exceeds exemption.

In the case of both the farmer and the city man, the income tax, unlike the property tax, adjusts itself each year to income and to family responsibility. At the same time, the income tax distributes the cost of state and local government more widely, and requires the individual who owns no taxable property to contribute directly to the support of state and local institutions.

This becomes increasingly justifiable and necessary with the growth

of the service functions of government, and should stimulate interest in state and local government and in economical use of public funds. In order to reach a large number of persons with ability to pay taxes, exemptions under the state income tax should be as low as consistent with a reasonable degree of economy in administration. —Eric Englund in Successful Farming.

A CULTURED PERSON

To be a cultured person is to be a person with some kind of original philosophy. The more culture a man has, the more austere does he abide by his own taste. It is ever the mark of the parvenu in education to chafe and fret till his opinions correspond

membership of 40 players, who were practicing hard on a program to be given in the Marshall theatre.

The basketball tournament of the young women in the women's gymnasium resulted in a victory of the freshmen over the sophomores, the juniors over the seniors, and the juniors over the freshmen. The Askren loving cup was presented to the juniors.

THIRTY YEARS AGO

The foundry cast two box girders to support the boiler in the dairy building.

Frank Fockele of the Le Roy Reporter was visiting his sons, Fred and Glick Fockele, here.

The carpenter and blacksmith

Science, Philosophy, and Religion

"Introduction to Philosophy" by George Thomas White Patrick

Sometimes we think of science as a kind of wizard that is going to fight the next war. It is something of almost uncanny power, personified in our Edisons and Burbanks. It suggests mastery of the forces of nature. It is something which wrests from nature her secrets in order to use them for practical ends. We immerse ourselves in our laboratories and dig out the gold of science in order that we may exchange it for happiness in the form of labor saving and time saving devices, means of rapid transportation over land or water or through the air or instantaneous communication by the ether waves, cinematographic devices to afford us amusement and instruction, and subtle inventions of every sort to provide us with comforts and conveniences. Or science is conceived as a powerful ally of man, to which we may turn in time of want to learn how to increase the fertility of our soils, or in time of war to provide us with instruments for annihilating our enemies, or in time of sickness to discover X-rays to diagnose our diseases, or antitoxins to prevent them, or serums to cure them.

In other words, science to many people is just an instrument to be applied to increasing man's power over nature, not something intrinsically good in itself. It is applied science which they have in mind. It is interesting to know, however, that the great discoveries in science, even those which have led to these practical applications which are prized so highly, have usually been made by those who had no immediate interest in the practical applications, but were actuated purely by their scientific interest, by the love of knowledge for its own sake. It is, of course, this theoretical science which is so closely related to philosophy. And even the most practical people, those who are always thinking of the practical applications of knowledge, are not always in a "practical" mood. Sometimes we all thirst for knowledge for its own sake. Then we turn to science in the broader sense, as love of exact knowledge. Sometimes we are in a mood of wonder, musing whether the whole world has any meaning, purpose, or value. Then we turn to philosophy. Or, perhaps, we are in a mood of doubt or even of despair, oppressed by the weight of our perplexities and cares—and then we turn to religion.

to the last word in modish sophistication. Culture, however, like aristocracy, goes its own way, and does not bother about justifying itself. One always feels that a merely educated man holds his philosophical views as if they were so many pennies in his pocket. They are separate from his life. Whereas with a cultured man there is no gap or lacuna between his opinions and his life. Both are dominated by the same organic, inevitable fatality. They are what he is. To philosophize is not to read philosophy; it is to feel philosophy. —From "The Meaning of Culture," by John Cowper Powys.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Colonel Mark Wheeler, '97, was a visitor at the college.

C. S. Cole, '04, was Smith-Hughes agriculture teacher in the high school at Yakima, Wash., where he had been for some time.

Louis E. Howard, '17, resigned as county agent of Pratt county and has gone into business with his father on his farm near Emporia.

Teresa Goodwyn, '17, was in charge of vocational home economics at Las Cruces, N. M. Veryl Craven, '15, was at Carlsbad, and Ruth Morgan, '19, at Alamogordo.

TWENTY YEARS AGO

The senior electrical engineers experimented with the current of the Manhattan electric street railway.

The college orchestra grew to a

shops were repairing and rebuilding a two horse spring wagon.

Professor Harper secured positions for P. H. Rader and A. T. Dehant with the Westinghouse Electric company at Pittsburgh, Pa. A letter stated that the boys were well pleased with their work.

FORTY YEARS AGO

The Rev. Mr. Harrington of Russell led the chapel exercises.

B. L. Short, '82, was in the city clerk's office at Kansas City, Kan.

Many students attended the piano recital by Professor Kohler at the Congregational church.

A son was born to E. H. Snyder, '88, and Dora (Van Zile) Snyder, f. s. in 1877, at their home in Denver.

FIFTY YEARS AGO

The meeting of the Breeders' association held at the college was well attended and very interesting.

The college farm had a choice lot of Berkshires for sale. They were of the highest breeding and were to be ready for shipment the following week.

This is a continuation of the names of those receiving first rank for the month of February: William Favour, Agnes Fairchild, R. A. Hollenberg, George Hungerford, A. F. Huse, William Jeffery, James Keeney, Edwin Kern, Warren Knaus, William Lawrence, D. S. Leach, Orvil Lockhart, Charles Lowe, and Jacob Lund.

SPRING WIND

Carl Sandburg, in "Good Morning, America"

Be flip with us if you want to, spring wind.
Be gay and make us sniff at your slow secrets.
Be easy with us, spring wind.
Be lovely and yet be lovely not too fast with us.

If a child came so,
We would say, 'Come and sit on our back porch;
Listen with us and tell us more, tell us all you know;
Tell us the secrets of the spring wind;
Tell us if this is a lucky year;
Be lovely and yet be lovely not too fast with us.'

SUNFLOWERS

H. W. D.

SPATS AND PEOPLE

Just a little over two months ago I purchased a pair of spats. With the exception of that hot spell in February I have worn them—during the day time—since.

Besides keeping my ankles warm, they have enabled me to learn a lot about human beings. What I have learned has not yet reached the stage in which final organization and codification seem advisable.

I flatter myself that I can tell what a man or woman I know well will think, or say he or she thinks, about prohibition, piano recitals, long hair, college education, or German police dogs; but there is no way of predicting what a given type, or given individual, is going to think, or say he thinks, about spats.

The finest thing about them is that people look at them, suppress a sniff, and say nothing. During the past two months no less than 563 of my friends have thought some terribly intriguing things about me for wearing spats. But only 11 of them, or a little less than two per cent, have endeavored to express their disappointment at my surrender to the vogue.

Strange to tell, I myself had some of this peculiar distrust in spats at the time of the purchase. It took me about a week to convince myself I wanted the spats primarily to keep my ankles warm. I wanted to make sure I wasn't rationalizing. From the standpoint of architectural subtlety, my ankles are the essence of gauche-rie. This gave me pause. Maybe I was only kidding myself.

But I fought it through like an honest boy scout and decided mine was an overwhelmingly utilitarian venture. I figured that if my ankles would only stay reasonably warm during December and January and February, I could withstand the barbed glances of both friend and foe.

More or less it has turned out that way. Both what I hoped for and what I expected have come about. But in addition I have had more than thirty-four dollars worth of fun watching the pity and disappointment in the faces of my friends—mainly those friends whose deep respect for my intellectual and moral stability makes it difficult for them to understand how I can stoop so low as to put on a spat.

Possibly a fourth of my heart-broken admirers are merely amused. They figure it is only a harmless vagary which ought to be allowed me as a being prone to err. After all, I have qualities which more than compensate for this dereliction, and they are not going to lose any sleep over one minor departure.

Fifty per cent of my friends are visibly stricken, but manage to retain composure approximating normal behavior. I can see that they are hurt, but they are brave. This I rejoice in, for without it civilization in general and polite society in particular would be only empty phrases.

For the remaining quartile my spats are the straw that breaks the camel's back. My simple effort to keep my ankles warm completes my depravity and brands me for what I am. They are forced now to believe what they have feared all along they would ultimately have to believe.

I am glad society's reception of my trafficking with fashion adheres so snugly to the renowned curve of normal distribution. Otherwise I should be tempted to let my ankles freeze stiff.

AMONG THE ALUMNI

Clara L. Cramsey, '22, is teaching in the Central high school at Tulsa, Okla.

James C. Browning, '10, is with the Berwind-White Coal company of Windber, Pa.

W. A. Anderson, '91, is president of the Shreveport Lumber company, Shreveport, La.

Carolyn M. Brandesky, '29, is with the Topeka Provident association, Topeka, doing welfare work.

Leverne H. Raynesford, '26, is with the Westinghouse Electric and Manufacturing company, Seattle, Wash.

Christine Wiggins, '29, is assistant home demonstration agent of Sedgwick county, with headquarters at Wichita.

E. G. Champagne, '29, has accepted a position as landscape gardener with the Wilbur Nursery company, St. Louis, Mo.

Frank Alder and Julia (Baker) Alder, '14, are living in Tucson, Ariz., where Alder is in the trust department of the Southern Arizona Bank and Trust company.

Arnold Mast, who completed his work toward graduation at the end of the first semester, has accepted a position with the Great Western Beet Sugar company of Windsor, Colo.

Leonard Pike, who finished his work toward a B. S. degree in agriculture at the end of last semester, is now instructor in agriculture and manual training in the high school at Glasco.

W. E. Robison, '20, has accepted a position with the Kansas City Stockyards company, Kansas City, Mo. Most of Robison's work is in connection with the American Royal Livestock show.

Frank S. Campbell, '19, is in Aruba, Dutch West Indies, as superintendent of a refinery for the Standard Oil company of Indiana. Campbell and his family expect to return to Manhattan this spring for a vacation.

Frances Backstrom, '28 and '29, has resigned her position at the Utah Agricultural college, Logan, Utah, on account of ill health and is now in the Trinity Lutheran hospital in Kansas City. Miss Backstrom was a graduate assistant in the division of home economics at K. S. A. C. last year.

MARRIAGES

YOUNG—WARHURST

The marriage of Frances Young, f. s., Newton, to Glenn Warhurst, also of Newton, took place at the bride's home February 12.

SMITH—MCINTYRE

Helen W. Smith, f. s., and Virgil E. McIntyre were married February 20 at the Methodist parsonage in Manhattan. Mr. and Mrs. McIntyre will make their home in Manhattan where Mr. McIntyre is employed by the Kansas Pipe Line and Gas company.

RYAN—MERTEL

The marriage of Elnor Ryan, f. s., and Elmer H. Mertel, '28, took place February 23 at the Presbyterian church in Manhattan. Mr. and Mrs. Mertel will make their home in Kansas City, where Mr. Mertel is with the Southwestern Bell Telephone company.

CRAWFORD—SMITH

Mr. and Mrs. Perry Crawford, of Stafford, announce the marriage of their daughter, Aletha, f. s., to Raymond E. Smith, f. s., of Marysville, which took place February 24 at the Catholic parsonage in Manhattan. Mr. Smith was graduated from Washburn law school, receiving his degree last June. He was admitted to the bar shortly after and is now practicing law at Marysville where the couple will make their home.

BIRTHS

V. O. Jones, and Helena (Viers) Jones, f. s., of Manhattan, are the parents of a daughter born February 16.

M. A. Edwards, '28, and Mrs. Edwards of Schenectady, N. Y., an-

nounce the birth of a son, Martin Eugene, February 21.

Gilford J. Ikenberry, '20 and '24, and Mrs. Ikenberry, of Fargo, N. D., announce the birth of a son, Gilbert John, Jr., December 26.

R. L. Youngman, '28, and Betty (Armstrong) Youngman, f. s., of Kansas City, Kan., announce the birth February 20 of a son.

Ralph Eaton, '26, and Lois (Gorton) Eaton, '25, of Pierceville, announce the birth of a daughter, Miriam Ruth, November 8, 1929.

DEATHS

BAILEY

Word has just been received of the death of Prudence (Broquet) Bailey, '00, of Grand Valley, Colo. The death occurred February 22, 1927.

ORTH

J. B. Orth, a resident of Manhattan since 1912, died Tuesday in a hospital at Flandreau, S. D. Surviving relatives include two daughters, Ruby Orth, '21, and Elsie Orth, both of Manhattan.

DOUGLASS HIGH FIRST IN KANSAS MAT MEET

Small Butler County School Takes State Title Easily—Darters Score 18 Points

Douglass high school, with an enrollment of 150, scored 32 points to win the first official wrestling championship of the state high school athletic association in a meet held in Nichols gymnasium last Friday and Saturday. East high of Wichita was second with 18 points; Hutchinson and Oberlin tied for third with 17; Kinsley fifth with 7, and Salina, Hoxie, Columbus, Clay Center, and Wyandotte finished in the order named.

For the past two years East high has won an invitation meet held at the college and Douglass has taken second. This year competition was much more keen, but the two still remained at the top of the list. Douglass is coached by William Doyle, f. s., who will be a member of the Aggie squad again next fall.

Three Darter brothers scored 18 of the Douglass team's 32 points, and two of the three won state individual championships in their respective classes.

The state champions and second and third place winners are:

95 pounds—First, Hoskinson, Hutchinson; second, Harry Darter, Douglass; third, Ridgeway, Oberlin.
105 pounds—First, Wickham, Oberlin; second, Stoner, Wichita; third, Garreth, Columbus.
115 pounds—First, Alvin Darter, Douglass; second, Barnes, Hutchinson; third, Howard, Oberlin.
125 pounds—First, Cox, Douglass; second, Jessup, Wichita; third, Webster, Clay Center.
135 pounds—First, Donham, Wichita; second, Burbank, Douglass; third, Lovitt, Hoxie.
145 pounds—First, Wilfred Darter, Douglass; second, Cox, Wichita; third, Hoffman, Salina.
155 pounds—First, Keckler, Hutchinson; second, Noble, Salina; third, Miner, Hoxie.
165 pounds—First, Erickson, Oberlin; second, Houser, Douglass; third, Winter, Hoxie.
Unlimited—First, Mehninger, Kinsley; second, Sturm, Wichita; third, Payton, Hoxie.

Honors to a Poultryman

Robert E. Phillips, Jr., a student in the department of poultry husbandry at K. S. A. C., has been chosen a delegate to represent his home town of Joplin, Mo., at the world's fourth poultry congress to be held in London, England, next July 22-30. Business men of Joplin contributed to a fund to send young Phillips as a representative of poultry interests in the Joplin trade territory. The trip is a recognition of Phillips' record during his enrolment at the Kansas State Agricultural college.

Though only a sophomore, Phillips was last fall chosen a member of the Kansas intercollegiate poultry judging team in competition with juniors and seniors. He ranked highest with a grade of 98 in a class numbering nearly 70 in farm poultry production, and he has placed high in other student judging affairs.

Organize Third Party

A third party, which is to be called "Vox Pop," will enter the political race at K. S. A. C. this spring, according to announcement made by Earl Richardson, Coffeyville, one of its organizers. The existing parties are Theodorick and Democras. The Vox Pop platform is to be "We have no platform."

POULTRY MAJORS PLAN CHICK AND EGG SHOW

DATES OF ANNUAL EVENT ARE APRIL 22-25

E. M. Leary of Lawrence Will Superintend Exhibit—More Than 2,900 Chicks and 4,000 Eggs Entered Last Year

Students majoring in poultry at the college have elected officers who will manage the fifth annual K. S. A. C. baby chick and egg show to be held at the college April 22-25. Those chosen to handle the show are E. M. Leary, Lawrence, superintendent; R. F. Brannon, Meade, entry manager; Dale Halbert, Abilene, treasurer; Robert Phillips, Jr., Joplin, Mo., secretary; Theodore Harris, Manhattan, publicity manager.

"The management has no small job to handle this annual show," Prof. H. M. Scott stated. "Last year there were more than 2,900 baby chicks and more than 4,000 eggs entered in the contest. We expect a larger show this year and also hope to increase our premium list."

The K. S. A. C. baby chick and egg show, started in 1926, was the first show of its kind in the United States. Now Ohio, Iowa, and many other states have similar shows.

Judges for the show this year will be G. D. McClaskey, Seymour Packing company, Topeka; H. H. Steup of the Poultry Tribune, Mount Morris, Ill.; Dr. D. C. Warren, poultry department, K. S. A. C.; and A. P. Loomis, superintendent, K. S. A. C. poultry farm.

AG ORPHEUM

"Scarecrow Fantasia," presented by the Delta Delta Delta sorority, won first place at the annual Aggie Orpheum vaudeville show presented last Friday and Saturday nights under auspices of the college Y. M. C. A. A silver loving cup was presented the winners. The characters in the act were well cast, and the music and dancing good.

The main attraction in "A Noteworthy Performance" was the singing of Miss Johnnie Moore, whose appearance is reminiscent of Greta Garbo.

Another well presented and well cast act was "The Graveyard Blues" presented by Lambda Chi Alpha. It included some sharply tipped but well aimed shafts directed at other fraternities and sororities.

H. Miles Heberer, though not in competition, gave a performance that made one forget all about the popular Rudy Vallee.

On the whole the show was well done, and K. S. A. C. would appreciate more like it. —D. F.

Branch Station Men Meet

The sixth annual branch station workers' conference will be held at the college Friday and Saturday, March 7 and 8. Supervisors of work at the several Kansas branch agricultural experiment stations will attend the two day conference to discuss policies and lay plans for the ensuing year.

MINISTER WRITES POEM ABOUT 'AZOTOBACTER'

Scientific Work of K. S. A. C. Professors Inspires Conductor of Oregon Newspaper Column

The work done on the nitrogen building bacteria, azotobacter, by Doctors P. L. Gainey and Malcolm C. Sewell of K. S. A. C., inspired the Rev. Louis Albert Banks of Roseburg, Ore., to write a poem as his regular editorial feature for the local daily newspapers.

The minister's letter to Doctor Gainey, and the poem, are as follows:

"Dear Doctor Gainey: I am a retired minister 74 years old. Four years ago I had a stroke which made the excitement of public speaking impossible for me, and left me lame. I could still sit at my window and read and write. After 71 I took up poetry and now for nearly two years I have had an editorial feature in our local daily paper, the Roseburg News Review, where I have a poem every day commenting on the news of the world. I inclose the poem for today, thinking it might be interesting to you."

The poem is as follows:

AZOTOBACTER

Azotobacter! What a gift
That doth from heaven on Kansas sift!
How God must love each Kansas farm
To send them each this magic charm
To work forever in their fields,
Ensuring their abundant yields!
This automatic wisdom given
Most surely is a dream of heaven.

These cultured dons of K. A. C.
Deserve our thanks, we'll all agree,
Show Kansans where to look for aid,
Bid farmers not to be afraid
Since all the time—e'en while they sleep—
Azotobacters vigils keep.
That wondrous soil they will renew,
Pluck heaven's strength right out the blue.

From science I would ne'er detract—
No doubt, this wisdom is exact;
All life is built upon that plan—
It is the way God deals with man.
How many times when we would fail
Azotobacters take our trail!
They speak a word of kindly cheer,
And lo! again we've lost our fear.

The grandest thing a man can do
Is helping weary souls renew.
Is keeping watch, and when they tire
Refilling them with fresh desire.
Azotobacter men are rare—
Who in all life about them share.
Ah, let us seize on every chance
To give a fainting soul romance.

The largest electric generator thus far constructed has a capacity of 160,000 kilowatts or over 210,000 horsepower.

RECENT HAPPENINGS ON THE HILL

The annual freshman-sophomore party will be held March 14 at the Wareham ballroom.

Members of the Pioneer section and the Kansas City section of the American Association of Cereal chemists met at Waters hall last Saturday.

The Women's Athletic association is making plans for an outing cabin which will be built some place along the banks of the Blue river near Manhattan.

Senior men in the department of physical education spent the first of the week in Wichita inspecting the physical education system in the public schools and at the Y. M. C. A.

Katherine Geyer and Rachel Morrow, instructors in the department of physical education, won first prize for the most cleverly dressed couple at the coed prom which was held February 20.

In a recent survey made by Prof. J. H. Parker of the agronomy department it was found that the text books in required courses made up the major part of the college student's reading.

Dr. W. E. Grimes, agricultural economics, and Prof. A. P. Davidson, vocational education, went to Oberlin Saturday to attend the meeting of the northwest Kansas vocational agriculture teachers.

The leaders of the Theodorick and Democras parties have announced that the candidates for the spring election of class officers will be selected at caucuses March 6. There are rumors that a third party is being organized.

SISSON LECTURES ON SHAKESPEARE'S LONDON

Kansas University Faculty Member Uses Slides of Scenes in Elizabethan Times

By the use of lantern slides which showed copies of rare old maps and views of London, Prof. Louis E. Sisson, of the department of English at the University of Kansas, presented an interesting conception of London in the time of Shakespeare in his illustrated lecture which he gave in recreation center last Tuesday, February 25.

Because of his study of Elizabethan England, Professor Sisson was well prepared to give a colorful background to the literature of Shakespeare. Maps of old London showed St. Paul's cathedral before fire destroyed its high tower. The cathedral dominated all buildings in London at that time. According to Professor Sisson the main room of the cathedral was known as Paul's walk. Here all the important business of the city was transacted, merchants sold their goods, and news was exchanged.

"Old London bridge, with its line of houses on each side, was the wealthiest center of business in Shakespeare's time," Professor Sisson said. "The width of the road over the bridge was only 12 feet in some places. In that time the river, not the streets, was the great highway of London. By the use of a magnifying glass we are able to see great water wheels under one end of the bridge and these force pumps supplied water to a small area of the city. These pumps were considered one of the wonders of London," said Professor Sisson.

Chaucer's Tabard inn, Mermaid inn, Paul's cross, White Hart inn, the Globe theatre, in which Shakespeare did much of his work, old London wall with its many huge gates, and other objects and buildings of interest were shown.

This was the second of a series of exchange lectures between the departments of English of Kansas State Agricultural college and University of Kansas. The last of the series was given Tuesday night by Helen Rhoda Hoopes, who spoke on "Poets Near and Far."

The tungsten filament in the ordinary light bulb is about 18 inches long but wound in a spiral like a screen door spring.

February Weather Shows Local Old Timers There's Still Lots of Life in the Old Sun

Old timers who believe the weather isn't what it used to be have been subject to a disillusioning experience during the past two months.

Records of the college weather bureau show the 1930 vintage is not only the equal of that in the days when Kansas was young, but has a certain kick never found before in the 71 years that government records have been kept here.

January, as readers of THE INDUSTRIALIST will recall, set a few cold weather marks, though it left most of the long time records still standing. Zero temperatures were hit on 13 days of the month, which tied the all time record.

Then came February, bent on making amends for the previous frigidty. Ordinarily pictured as a hatchet visaged month carry a pack of icy winds and snow storms, 1930 February proved a gay young flapper who sang little songs about spring.

To get back to statistics, February broke all records of high temperature in the 71 years that records have been kept at the college. The average temperature for the month was 46.78 degrees, which was 15.81 degrees above the normal monthly temperature for February, and 4.6 degrees above the average temperature for March.

The mean maximum temperature for the month was 59 degrees, as compared with the average maximum of 42.48. The mean minimum was

34.57 degrees as compared with 19.34 degrees for Februarys of past 71 years. The lowest temperature for the month was 4 degrees on February 15.

On February 24 the sun really extended itself. Students wandered about in their shirt sleeves. The spring like smell of burning trash pervaded the Manhattan air. The temperature reached 82 degrees. Incautious shrubs came out in new green dresses.

Another record, for conservative days of high and low temperatures, was broken in February, there being six days when the temperature went to 70 degrees or higher and only 10 when the night temperature went to freezing or lower.

Twenty-one days were clear, four cloudy, and three partly cloudy, establishing another record. There were .37 inches of rain and melted snow, or .76 inches below normal.

Some maple trees were in bloom by February 14, the monthly report says. Some elm trees were blooming by Washington's birthday. Even early flowering bulbs were in bloom in yards and gardens by February 25. Plowing was well advanced by the end of the month. Some oats were sown as early as February 21.

Moderately cold weather returned with the first of March, bringing reminiscences of an earlier Kansas, of which C. S. White spoke:

"The wind then shifted to the north,
And chilled me to my very bones;
The drops of sweat, still on my chin,
Were frozen hard as marble stones."

COLLEGE INVESTIGATES PROTEIN FEEDS AGAIN

RUN SERIES OF TESTS WITH STEER CALVES

Results of Experiments Will Be Given to Cattlemen at Annual Feeders' Day, May 24—Use Three Concentrates

Feeding investigations with seven lots of cattle, made to determine the value of protein supplements in fattening rations, are being conducted by the college animal husbandry department under the supervision of Professors B. M. Anderson and M. A. Alexander. The object of the experiments is to secure data relative to the comparative value of cottonseed meal, linseed oil meal, and corn gluten meal. These concentrates are being used alone and in combinations.

The experiments were started November 27, 1929. Results will be reported at the feeders' day meetings at the college May 24. Seven lots of steer calves are receiving rations as follows:

- Lot 1—corn, cottonseed meal, corn silage, alfalfa hay.
- Lot 2—corn, linseed oil meal, corn silage, alfalfa hay.
- Lot 3—corn, corn gluten meal, corn silage, alfalfa hay.
- Lot 4—corn, cottonseed meal plus linseed oil meal, corn silage, alfalfa hay.
- Lot 5—corn, cottonseed meal plus corn gluten meal, corn silage, alfalfa hay.
- Lot 6—corn, linseed oil meal plus corn gluten meal, corn silage, alfalfa hay.
- Lot 7—corn, cottonseed meal plus linseed oil meal plus corn gluten meal, corn silage, alfalfa hay.

TIGERS WIN INDOOR BY SCORE OF 71 TO 33

Missouri Makes 'Slam' in 60 Yard Dash and Hurdles—Three Aggie Firsts

Lack of strength in the hurdles and 60 yard dash sent the Kansas Aggie track team down to a 71 to 33 defeat at the hands of Missouri in an indoor meet at Brewer field house, Columbia, last Friday night.

Missouri swept the 60 yard high hurdles, low hurdles, and dash. The Wildcats won first in the high jump and two mile run, and tied for first in the pole vault. Milton Ehrlich, Marion, set a new college indoor record in the high jump at 6 feet 3-4 inch.

This week end the track team will go to Columbia for the Big Six indoor meet.

The summary:

- High jump—Won by Ehrlich, Kansas Aggies; second, Gladden, Missouri; third, Walker, Kansas Aggies. Height 6 ft. 3-4 inches.
- 440 yard dash—Hursley, Missouri, and Ulfers, Missouri, tied for first; third, Kopf, Kansas State. Time 54 seconds.
- Pole vault—Whitsett, Missouri; Jordan, Kansas Aggies, and Vohs, Kansas Aggies, tied for first. Height 11 feet 6 inches.
- 60 yard dash—Won by Dills, Missouri; Jackson, Missouri, second; Welch, Missouri, third. Time 6 4-10 seconds.
- 1 mile run—Won by R. Swartz, Missouri; D. Swartz, Missouri, second; Miller, Kansas Aggies, third. Time 4 minutes 36 8-10 seconds.
- 60 yard high hurdles—Won by Dawson, Missouri; Richards, Missouri, second; Moore, Missouri, third. Time 8 1-10 seconds.
- 60 yard low hurdles—Won by Welch, Missouri; second, Austin, Missouri; third, Dills, Missouri. Time 7 3-10 seconds.
- Shotput—won by Gladden, Missouri (41 feet 1 3-4 inches); second, Cronkite, Kansas Aggies (41 feet 1 1-2 inches); third, Kilgroe, Missouri (40 feet 8 3-4 inches).
- Broad jump—Won by Lawler, Missouri; Bliss, Kansas Aggies, second; Elwell, Kansas Aggies, third. Distance 22 feet 2 inches.
- 1 mile relay—Won by Missouri (Oldham, Jackson, Austin, King). Time 3 minutes 39 6-10 seconds.
- Two mile run—Won by Toadvine, Kansas Aggies; Miller, Kansas Aggies, second; Weinkin, Missouri, third. Time 10 minutes 16 5-10 seconds.
- 880 yard run—Won by R. Swartz, Missouri; second, Dutton, Kansas Aggies; third, Forsberg, Kansas Aggies. Time 2 minutes 4 2-10 seconds.

OAT SMUT CONTROL WORK STARTED AGAIN

Experiment Station Will Make Tests to Determine Effectiveness of Treatments

Seed oats that are to be used in cooperative tests for determining methods of oat smut control were distributed by the agronomy department recently. Twelve Kansas counties are represented in the seed treatment tests carried on in conjunction with the department of botany and plant pathology.

Kanota oats, badly infested with smut, were used. One third of the seed was treated with formaldehyde, one third with a commercial seed treatment, and the remainder was

untreated. These are to be planted under similar conditions and the yields and per cent of smut compared at harvest. Last year the plots treated with the commercial product yielded several bushels more than those which were not treated.

CHILLY MARCH WINDS KEEP DIAMOND MEN IN

Baseball Squad Will Work Outside On First Warm Afternoon, Corsaut Says

Chilly weather kept the varsity baseball squad inside during the first practices of the season this week, but Coach C. W. Corsaut plans to take them out on the first warm afternoon.

Attendance at the first practice Monday afternoon was reduced because of the inspection trip to Wichita being made by seniors in physical education. Twelve men reported, four of them letter men, and six more letter holders will be out sometime during the next two weeks.

Wallace Forsberg, veteran second baseman, is a member of the track squad, as is L. C. Fiser, who may be a candidate for a baseball position or may decide to continue with track during the outdoor season. Alex Nigro, letter center fielder, still is suffering with a charley horse received in basketball and was told not to report until he is fully recovered. The squad will work on the Nichols gymnasium floor on cold days.

Takes Over Library

Sigma Tau, honorary engineering fraternity, has taken over the general library room on the second floor of the engineering building, and will refurnish it and take charge of supplying it with books and periodicals on engineering. Ten per cent of the seminar fund is to be used for the library.

Remove Cedar Trees

All cedar trees are being removed from the land around the college horticultural farm in order to control the fungous disease known as cedar apple rust.

SERIES OF AGRONOMY FIELD DAYS THIS YEAR

FARMERS VISIT EXPERIMENT STATION IN GROUPS

Meetings for Fifth Annual Inspection Tour Will Begin May 23, With Last One On June 14

A new arrangement is being made to replace the agronomy field day which has been held at K. S. A. C. on a Saturday early in June for the last five years. Under the new plan a series of meetings will be held beginning May 23 and closing June 14. On special dates within this time farmers from certain counties will be invited to the college for an agronomy field day meeting.

The purpose of the change, according to R. I. Throckmorton, head of the agronomy department, is to more efficiently handle visitors and to make it possible to give them a program more closely adapted to the needs of the several regions. The program on any one occasion will have more specific information for those concerned under the new plan.

Dates set for meetings this spring were set as follows: May 23, for the south central section of Kansas; June 3, for Clay, Riley, and Pottawatomie county farmers; June 9, for Geary, Morris, and Wabaunsee counties; June 10, for the north central section of Kansas; June 11, for the eastern three tiers of counties south of the Kaw river; June 12, for the southern flint hills section; June 13, for northeastern counties; and June 14, for Saline and Dickinson counties.

Field days for farmers in the western half of the state are held at the branch experiment stations at Hays, Colby, Tribune, and Garden City. Similarly, field days are held at each of five experimental fields in southeastern Kansas.

Organize Hi-Y Clubs

The college Y. M. C. A. has sent teams to several high schools within the past two weeks, to organize and promote interest in Hi-Y organizations.

PROGRESS OF KANSAS PRESS

F. E. C.

Fay Seaton has purchased a new type face, Ionic No. 5, for his Manhattan Mercury and Morning Chronicle. Four machines have been equipped with new sets of mats.

The Lyons Daily News has a column which it calls the "Newsreel." It gives an impersonal summary of what some of the home town folks are doing. The column carries everything from who won the prize at the pumpkin pie social to who has built a new fence.

The Ellis Review-Headlight recently has added a column in its pages entitled "Safety Valve." Its purpose is to give the readers a chance "to let off steam." These sentiments and opinions are to be published with names of the writers or anonymously, according to the wish of the correspondents.

A page advertisement in the Florence Bulletin suggests that local merchants recommend their newspapers for advertising purposes to manufacturers of goods sold in Florence. The Bulletin explains that it has joined small town newspapers all over the country in a nation wide campaign to convince national advertisers that they can best assist small town merchants by advertising in local small town newspapers.

Colonel Charles H. Browne's Horton Headlight-Commercial recently increased its page size to eight columns.

Elmer Epperson, editor-owner of the Scott City News-Chronicle, recently moved his plant into a new one story brick building. A new press and some office furnishings were purchased.

"Want-O-Graphs" is the heading for the classified or want column of the People's Herald of Lyndon. The Herald not only urges readers to use the column but quotes the price rates at the head of the column each week.

The Oberlin Times published last week a chart showing the car lot shipments of agricultural products

from Oberlin, indicating a steady growth and improved farming conditions in that territory. The article accompanying the chart noted that car lots increased 130 in 1929 over 1928. It is the kind of an article that takes some work to prepare, but it is well worth the effort. E. R. Woodward is editor.

G. M. Reed, county agent in Nemaha county, writes a good long column of farm bureau news. His news notes in the Seneca Times of February 27 filled two and one-half columns.

W. R. Burge of the Cherryvale Republican finds time to write a column called "Cherry Grams," the kind of a column that gives an editorial page life, variety, and a character.

There are more ways than one to make readers talk about the editor. One of several has recently been tried out by Editor Hershel Kanner of the Scandia Journal. A bull snake caught in midwinter was put on display in the Journal office. That snake died but now a new one, six inches long and of the copperhead variety, has been presented to the Scandia editor.

"Stories of a Kansan," by B. J. Sheridan, which are now being printed in the Western Spirit of Paola are extremely readable and interesting. This last week over 1,000 extra copies of the Western Spirit, with a supplement containing all the stories up to date, were printed and sent out. —Wellsville Globe.

The Modern Light, of Columbus, has been offering a prize of 100 printed envelopes or 100 printed note-heads free with each renewal in advance on subscriptions or with each new subscription. The premium is an urge to the subscribers to "pay up" and the subscriber who has 100 printed envelopes but no stationery to go with them probably also leaves an order for printed stationery. We suspect the Modern Light increases its job work as well as its subscription list by the prize offer.

Win Scholarship Awards

Edith Painter and Leonard Rees, K. S. A. C. students, were each awarded a \$150 scholarship for outstanding 4-H club leadership work this week. The scholarships are provided by the J. A. Folger company of Kansas City. Both students have been outstanding in club leadership work for several years.

SIXTY FOOTBALL MEN START SPRING PRACTICE

Drill On Varsity Plays and Gridiron Fundamentals in Store for Large Squad

Sixty men reported for the first football practice of the season Monday afternoon, under Coaches McMullin, Maddox, and Root.

Though most of those reporting for practice were varsity men of last fall, or graduates of the freshman squad, there were several who have not previously been out for K. S. A. C. football.

Conditioning exercises and a light "dummy scrimmage" for linemen took up most of the period.

Spring practice probably will continue for six weeks or more. Emphasis will be placed on the working of the new men of last fall with the veterans, to get them used to varsity plays and players, and upon the teaching of football fundamentals which sometimes must be slighted after the season starts.

BIG SIX WRESTLERS HERE MARCH 7 AND 8

Conference Individual Titles Will Be Decided in Nichols Gymnasium Meet

Individual wrestling championships of the Big Six conference will be decided in a meet to be held at K. S. A. C. Friday and Saturday, March 7 and 8. The conference swimming and track championships also will be decided this week end. The swimming meet will be in the Kansas City Athletic club pool, and the track meet at Missouri university, Columbia.

Seven of the eight conference wrestling champions of last year will be back to defend their honors, but one, Sappington of Missouri, has moved from the 135 to the 145 pound class for competition.

C. H. Errington, Ruleton, Aggie holder of the heavyweight title, will have as his chief competition Goodale of Iowa State. Last year Errington twice defeated Goodale, but in a dual meet held at K. S. A. C. this year Goodale won from Errington by a time advantage.

Trophies for high point man of the season, for high point man of the meet, and for the heavyweight championship are offered.

Officials of the meet will be Dr. R. G. Clapp of Nebraska university, a member of the national wrestling rules committee, and "Sec" Taylor, sports editor of the Des Moines Register.

Oklahoma university won the conference team championship this year, being undefeated in five dual meets.

CORN MOST EFFICIENT GRAIN FOR HOG FEEDING IN KANSAS

Value of Grinding Varies With Different Grains

While corn, combined with tankage or skimmed milk, is the best Kansas hog feed, other grains such as kafir, milo, and cane seed may be substituted for corn. The Kansas agricultural experiment station has found that corn is about 15 per cent more efficient than kafir or milo; about 50 per cent more efficient than unground cane seed and about 40 per cent more efficient than ground cane seed.

Experiments show that it pays to grind kafir, milo, and cane seed but does not pay to grind or soak corn for pigs or large hogs. It generally pays well to use pasture with a corn ration for all hogs.

Quill Deadline March 17

Deadline for submission of manuscripts for consideration by the Quill club membership committee has been set as March 17. Manuscripts should be in triplicate, typed, double spaced, and on one side of the paper. Poetry, light essay, or feature material may be submitted. Prof. R. W. Conover of the English department is chairman of the membership committee.

CEREAL CHEMISTS TO MEET HERE ANNUALLY

VOTE TO HOLD JOINT SESSION EACH MONTH

Thirty-four Members of Kansas City and Pioneer Sections Attended Conference Saturday—Discuss Milling Chemistry Problems

Members of the Kansas City and Pioneer sections of the American Association of Cereal Chemists met in joint session at the college last Saturday. During a short business session the assembly passed a resolution that the joint meeting be made an annual affair and that it be held at the Kansas State Agricultural college in March. Plans were made to extend an invitation to the Nebraska section of chemists to meet with the group.

LARGEST CHEMISTS' MEETING

Thirty-four out of town chemists attended the meeting and 41 attended a luncheon in Thompson hall. It was the largest meeting of chemists ever held here, according to Dr. C. O. Swanson, head of the K. S. A. C. department of milling industry, and indicates the increased importance of cereal chemistry.

Talks on subjects pertaining to cereal chemistry and the protein determination of wheat were made by Doctor Swanson, Dr. E. L. Tague, and Dr. E. B. Working, all of the college faculty; and by C. F. Davis, chief chemist of the Red Star Milling company, Salina; C. F. Schnabel, in charge of the protein laboratory, Kansas City, Mo.; and C. M. Murphy, K. S. A. C. graduate, who now is chief chemist with the Goerz Milling company of Newton.

Doctor Swanson discussed the problem of heating wheat as it affects the quality of flour. Heat may not necessarily be injurious to flour, though such is the common supposition, he explained. Heat is generally considered injurious to wheat or flour because its injurious effects are more extensive and much more evident than the beneficial ones. The germinating power of wheat is seriously reduced by heating and this is especially true of wheat harvested at an immature stage.

HEATING MAY IMPROVE BREAD

Heating wheat or flour to 130 degrees Fahrenheit is sufficient to kill all insects and eggs present but is in no way injurious to either flour or bread made from grain so treated, Doctor Swanson declared. On the contrary, flour made from immature wheat was improved by such heating. It produced bread of superior texture and greater volume per loaf. Heating and sweating of wheat is caused by increased respiration of the embryo plant in the wheat germ, he explained further, and infestation of weevils or other live insects will cause heating by stimulating greater respiration. Farmers can prevent heating of grain by delaying harvest until the wheat is fully ripe or avoiding harvest when the grain is wet from dew or rain.

Doctor Swanson tested the moisture content of wheat harvested at different times in the day. Samples harvested early in the morning had a moisture content of 18 per cent while samples harvested at 3 o'clock in the afternoon from the same field had only 12 per cent moisture. The use of ventilated grain bins is imperative if wheat is to be kept in good condition on the farm.

MINERAL NEEDS FOR PIGS DEPEND ON RATONS FED

Tankage and Pasture May Supply Necessary Elements

Whether hogs need a mineral mixture or not depends upon their ration and the conditions under which the hogs are being handled, according to C. G. Elling, extension animal husbandman, K. S. A. C. If hogs are given tankage enough to balance their grain ration and plenty of pasture, they have practically no need of any additional mineral mixture. Such a ration as corn and soy beans may be benefited by the addition of minerals as they lack calcium and phosphorus.

The following mineral mixture is not expensive and will be found a profitable addition to rations that are lacking in minerals: equal parts by weight of salt, wood ashes, and ground limestone. Ten or 15 per cent of bone meal will improve the value of the mixture.

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EDUCATION MUST SOLVE PROBLEMS OF SOCIETY

OTHERWISE VALUE OF COLLEGE IS DUBIOUS, SAYS NORMAN THOMAS

Socialist Leader Scores 'Sports, Society, Success' Standard and Recommends 'Thought, Cooperation, and Sacrifice' for Future World Leaders

That society may be excused for lagging behind industry, but will not be able to save itself unless it learns to control the "fifty billion wild horses of power" which have been set free by invention, was one of the contentions of Norman Thomas, Socialist candidate for president in 1928, in a speech made before student assembly last week. His subject was "Education—For What?"

Thomas is an unusually tall man with somewhat greyed and thinning hair, a clear and pleasing voice, and an unusual control of language. At first he spoke restrainedly, with few gestures, though as he warmed to his subject he made expressive use of his arms, both for emphasis and satire.

He first satirized certain aims of what he chose to call "the higher learning."

"During the war it was discovered that college education was a notable advantage in getting to be an officer," he said. "This was a great impetus to education. Stadiums (or stadia, depending on whether you are a classicist or not) also have been a great aid."

DIPLOMAS FOR DISTINCTION

"In the search for distinction after the war many persons joined the invisible empire in the hope of becoming kleagles or other officers. Others bought exclusive and expensive cars. Still others sought the same end through the obtaining of a college degree."

Summarizing the lighter part of his talk, Thomas gave as three aims sought by the would-be educated—social prestige, athletic success, and success in the "dazzling" sense.

Proceeding to more serious aspects of the problem he told of the need for specialists, and of the "increasing tendency of specialists to know more and more about less and less, so that in medicine when one is really sick it takes a whole congress of doctors to effect a cure. It is becoming necessary to observe the state's rights doctrine in medicine."

IS SOCIETY REPAID?

"I am wondering if it pays society to allow young people to spend four or more years in the pleasant environment of college if they are not brought to a better appreciation of the problems of the country," he said. "There have been too many speeches made to college students, telling of their great mission and the like, but we do have the right to expect from them a useful type of approach to modern problems."

"Things are happening so fast that there may be some excuse for us not keeping up. Like the man in the poem who was 'right, dead right, as he sped along, but just as dead as if he'd been wrong'—civilization may be 'right,' but it isn't safe unless it does find a solution to some of the problems."

Thomas then spoke of the rapid evolution of travel from the horse to the airplane, and compared the advancement of civilization and its problems to it.

"We are still trying to manage the world with outworn systems of the covered wagon age," he said.

COOPERATION A NEED

International cooperation was stressed as one of the needs for the future by the speaker, who said that "loyalty to the nation has a place and a very high place with us, but there is no need for a blind loyalty to a blind God state. That's no way to manage an interdependent civilization."

"We have today the outward power to regulate and abolish poverty throughout the world. With all our modern machinery there is no longer

the necessity of or excuse for poverty. Once there was an excuse for such a famine as exists in China today, but China is not starving today because of the cruelty of nature.

"We have the power to regulate poverty. We have an interdependent world, with the possibility of the better life."

Referring to unemployment parades, Thomas said he had recently talked with honest and sincere men who believed that if the unemployed made a demonstration it must be "because the devil of Bolshevism had entered in and must be whacked out with clubs." He also referred to the Mooney and Billings case, and said that when "the machines of the world can be used for retaliation against men rather than the destruction of poverty," society is not yet safe.

In conclusion Thomas urged his audience to "think, though men fear thought, learn to cooperate, though men are suspicious of cooperation, and to be willing to sacrifice—that everything can be made to administer to a fellowship of free men."

TITLES TO 5 SCHOOLS IN GRAPPLERS' MEET

Kansas Aggies, Oklahoma, and Iowa State Each Take Two Firsts—Kansas U. and Missouri One Each

Five of the six conference schools won individual championships in the finals of the Big Six wrestling tournament here last Saturday. Nebraska was the only entrant not to take a title.

The Kansas Aggies, Oklahoma, and Iowa State each won two titles and Missouri and Kansas universities one each.

Oklahoma holds the team championship on the dual meet basis. Although no official team score was tabulated in the tournament, Iowa State would have placed first with 23 points, Kansas Aggies second with 19, Oklahoma third with 14, and Kansas U. next with 7.

The trophy for the best all around wrestler in the meet was awarded to Hardie Lewis, Oklahoma sophomore and titleist in the 145 pound class, by decision of the officials, Dr. R. G. Clapp, Nebraska, and "Sec" Taylor, Des Moines sports writer.

Winners of first, second, and third places in the individual championships are:

- 115 pounds—First, McCormick, Iowa State; second, Latimer, Kansas Aggies; third, Luck, Missouri.
- 125 pounds—First, Williams, Iowa State; second, Webber, Nebraska; third, Barber, Kansas Aggies.
- 135 pounds—First, Fickel, Kansas Aggies; second, Coles, Iowa State; third, Reese, Nebraska.
- 145 pounds—First, Lewis, Oklahoma; second, Linn, Iowa State; third, Alsop, Kansas Aggies.
- 155 pounds—First, Berry, Oklahoma; second, Juhl, Iowa State; third, Warner, Kansas Aggies.
- 165 pounds—First, Church, Kansas U.; second, Eubanks, Oklahoma; third, Skinner, Nebraska.
- 175 pounds—First, Robbins, Missouri; second, tied between Long, Kansas Aggies, and Cochrane, Kansas U. No third place.
- Heavyweight—First, Errington, Kansas Aggies; second, Goodale, Iowa State; third, Bass, Oklahoma.

CHEAP HOG TROUGH FUNNEL MAY BE MADE FROM MILK CAN

This and Other Devices Found in New Bulletin

A funnel for the hog trough may be contrived by knocking the bottom out of a discarded milk can, inverting it, and setting it on blocks in the trough. A box treated in a similar way will be found to answer the same purpose and prevent the waste of slop and trouble of pouring it into the trough with hogs interfering. These devices and others are found in extension circular 46 issued in January, 1930, by the college.

Self oilers for hogs in the shape of burlap bags soaked with crank case oil are more successful if they are wrapped around leaning poles set similar to braces for corner posts, than they are when put around upright posts, according to C. G. Elling, extension animal husbandman, K. S. A. C.

DOCTOR R. W. BABCOCK TO BE SCIENCE DEAN

NEW DIVISION HEAD WILL TAKE OFFICE JULY FIRST

DePauw Mathematics Department Head Successor to Dr. J. T. Willard, Who Will Be Assigned Exclusively to Duties of Vice-Presidency

Dr. Rodney W. Babcock, head of the department of mathematics at DePauw university, has been appointed dean of the division of general science at the Kansas State Agricultural college to succeed Dr. J. T. Willard, who has been on the faculty for 46 years and who will be



DR. R. W. BABCOCK

assigned exclusively to the duties of vice-president of the college after July 1, when the new dean will take office.

Doctor Babcock obtained the bachelor's degree at the University of Missouri, and the master's and doctor's degrees at the University of Wisconsin, majoring in mathematics and minoring in physics.

Before going to DePauw he served on the faculties of the University of Pennsylvania and the University of Wisconsin.

For six years he was on the faculty of the college of letters and science at Wisconsin, where he had charge of mathematics for engineering and agricultural students. He also was connected with university admissions and with the student advisory system at Wisconsin. He has published several research papers on physics and mathematics and is one of the prominent younger members of the Mathematical Association of America.

Doctor Babcock is 40 years old, married, and has three children.

NINE DIAMOND TEAMS IN FACULTY LEAGUE

Round Robin of Games for Championship Will Be Played During April

Nine baseball teams will play for the college faculty championship on a round robin schedule during April. Organization of the teams has been practically completed, according to Dr. R. L. Parker of the department of entomology, the Ban Johnson of the faculty league.

All games will be played on outdoor diamonds at the college and in the city park, but indoor equipment will be used. All members of the instructional force on the regular monthly payroll, and all graduate students, whether on the payroll or not, are eligible to play.

Two teams are being organized in the division of engineering, two from the division of agriculture, one from entomology and zoology, one from chemistry and physics, one from bacteriology, botany, and veterinary medicine, and one from industrial journalism, history, economics, mathematics, English, and education. Team managers are H. S. Bueche,

assistant professor of electrical engineering; E. R. Dawley, associate professor of applied mechanics; M. A. Alexander, assistant professor of animal husbandry; H. J. Brooks, instructor in dairy husbandry; H. W. Marlow, instructor in chemistry; Captain A. F. Bowen, associate professor of military science; Glenn Aikens, graduate student in bacteriology; Dr. R. L. Parker, associate professor of entomology; and R. I. Thackrey, instructor in journalism.

Last year the college championship was won by the engineering team, which defeated the military-physical education nine for the title.

TALK BY MISS HOOPES ENDS EXCHANGE SERIES

Last of Lectures By University Faculty Members Is On "Poets from Near and Far"

"Poets from Near and Far," a lecture by Helen Rhoda Hoopes, concluded a series of three lectures given at K. S. A. C. by members of the University of Kansas English faculty.

Miss Hoopes, who is a well known Kansas poet, devoted most of her time to reading poetry by contemporary writers, interspersed with humorous comment and criticism. She read from such poets as Edna St. Vincent Millay, Amy Lowell, Carl Sandburg, and Robert Frost. To conclude her lecture she used selections from Mrs. May Williams Ward's collection of Kansas poems, "Seesaw," and her own poem, "April Encounter," which won first prize in a Kansas poetry contest.

Dr. William Savage Johnson, chairman of the English department at the University of Kansas, was the first to speak here. His lecture on February 18 was attended by a large audience. Doctor Johnson, who visited Thomas Hardy at his home in 1925, chose that English author for his subject. He discussed Hardy's philosophy of life, reading bits from his poetry to clarify his points. He pictured Hardy as a man of strong personality with an understanding of life as it is. He tried to correct the idea that Hardy is a cynic by explaining that he is a realist.

The second lecture was given February 25 by Louis Eugene Sisson. He spoke on "London in the Time of Shakespeare" and used lantern slides of rare old maps and views of London. As he spoke he showed pictures of such points of literary interest as Chaucer's Tabard inn, St. Paul's cathedral, Globe theatre, and London bridge.

This year for the first time professors from the two schools exchanged lectures. Prof. H. W. Davis talked at the University of Kansas March 7 on Edward Arlington Robinson. On March 13 Prof. Robert W. Conover will discuss Eugene O'Neill, and Prof. Ada Rice will speak on George Eliot March 20.

These lectures were unusually well attended, the number in the audiences averaging about 125 each time. Members of the English department are considering plans for a similar project next year.

SIGMA TAU TO BUILD LETTER AS COMPANION OF PROSPECT K

Construction of Giant S Planned During Open House

A huge white cement "S" as companion to the "K" which has been for several years imbedded on the west slope of Mount Prospect will be constructed soon under supervision of the K. S. A. C. chapter of Sigma Tau, honorary engineering fraternity.

The new letter, which will be 90 feet in length and 60 feet in width, probably will be constructed as the closing event of engineering open house.

Schooley to Orate

Forrest L. Schooley of Hutchinson will represent K. S. A. C. at the annual Missouri Valley Oratorical contest held in St. Louis March 20. Schooley is a sophomore in commerce.

500 ATTEND COOP MARKETING MEETINGS

M'KELVIE EXPLAINS OPERATIONS OF FARM BOARD

Not the Least Objective of Cooperative Organizations Is Improvement of Social Conditions, Doctor Grimes Tells Visitors

Five hundred or more Kansas farmers, directors, and officers of cooperative farm organizations, and others interested in cooperative marketing attended the third annual two day cooperative marketing school sponsored at the college last Thursday and Friday by the department of agricultural economics. They discussed many phases of cooperative work, voted approval of the federal farm board's program, and heard special talks on the subjects of cooperative marketing of grain and livestock.

A FARMERS' SYSTEM

Samuel R. McKelvie, grain member of the federal farm board, was the chief speaker Thursday. He discussed the aims and hopes of the farm board, stressing that the intent of the farm board is to have the farmer own and control his marketing system. The board members hope not to lose money continually on their marketing plan, McKelvie explained, and indicated that marketing machinery that is economically sound must be developed to prove the efficiency of the entire program.

Hutzel Metzger of the division of cooperative marketing, federal farm board, spoke on the possibilities and limitations of a large scale cooperative grain marketing association. Other speakers Thursday were Scott Bateman, warehouse commissioner, Kansas state grain inspection department, and L. E. Webb, secretary of the Farmers' National Grain corporation, who substituted for C. E. Huff, vice-president of that corporation.

Speakers on Friday when livestock marketing was discussed especially were Dr. W. E. Grimes, K. S. A. C.; C. G. Randall and B. B. Derrick, division of cooperative marketing, federal farm board; and Dr. O. O. Wolf, a member of the committee of terminal livestock cooperatives, Ottawa, Kan.

COOPERATIVE OBJECTIVES

Speaking upon the present status of cooperative organizations in Kansas, Doctor Grimes mentioned a number of the important objectives of cooperative marketing. These are to make savings in marketing costs, to secure better prices, to increase net farm incomes, to improve the quality of the product, to secure improved services or services that are not available without cooperation, and to improve social conditions.

Enlarging upon the last objective, Doctor Grimes said: "Better incomes make possible better social conditions. The purpose of farming, from the farmer's standpoint, is to secure the means of providing his family and himself with a worthwhile living. Better incomes do this. The community that can work together on a cooperative marketing enterprise learns to work together on other projects such as schools, churches, and farm organizations. Cooperative marketing helps to develop leaders and these leaders help to obtain better social conditions."

Leads Methodist Laymen

Prof. Ralph R. Price, head of the history department, and Fred L. Parrish, associate professor of history and government, will be in Kansas City, Kan., Friday and Saturday for the sessions of the Kansas Conference Laymen's association of the Methodist Episcopal church. Professor Price is head of the association for the second consecutive year. Professor Parrish is to lead the Saturday morning devotions with the topic, "What Is a Real Methodist?"

In the poultry house from 3 1/2 to 4 square feet of floor space should be allowed for each bird. It is a mistake to crowd poultry.

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R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

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WEDNESDAY, MARCH 12, 1930

TWENTY THOUSAND QUESTIONS

The 1930 census starting April 1 will be one of the most complete and thorough going in the history of this country. Some 20,000 questions will be asked all or part of the American people. The framing of the questions is not the least difficult of the many tasks involved in this undertaking. Advisory groups have been working for many months assembling questions and studying census schedules. Census officials, after much deliberation and discussion, have finally agreed upon the 20,000 questions which appear on the schedules.

The population schedule will cover about 25 questions. Several questions will be asked this year for the first time. One of these is the value of the home, if owned, or the monthly rent, if rented. Out of this information it is hoped to make a classification of families according to economic status, or, to put it in another way, according to buying power. Business men have long urged the government to make such a classification to assist their advertising and selling campaigns. The replies from this question will permit a division of families into broad groups and special effort will be made to prevent the information thus secured concerning the individual home from being made public.

Age at first marriage is another new question. Two objectives are in view. This item is intended to secure definite information as to the age at which people, in different racial or economic groups, marry, and make possible a tabulation of families based on the number of children reported in the families of women who have been married a stated number of years.

The ownership of a radio set is another new item aimed to get the size of the potential radio audience in the United States.

The unemployment schedule will be an important feature of the 1930 census. This will contain a number of questions designed to separate those not working into several classes, including also, those who may have a job but for the time being are laid off without pay.

In some degree the census figures are a sort of personal record of every resident of the United States. It is a national survey that means vastly more than a counting of noses. It will show trends in the national life, population movements, growth, industrial progress, social progress, educational results, racial groupings, and many other things of interest and importance.

Taken altogether, the census will be more elaborate and more comprehensive than any similar statistical enterprise, either here or in any other country. The danger is that the effort will be overloaded and the census taker will get a good many sharp and fruitless answers.

ART

Though there have been no crowds such as those described in recent dispatches from the east—crowds which have jammed to capacity the New York galleries where exhibitions of modern painting are being shown

—the number of recent visitors to the architecture galleries on the third floor of the engineering building has been very gratifying, according to John F. Helm, Jr., of the architecture department.

The attraction is the "show" of 30 modern water colors, sent out from the Weyhe galleries in New York City.

The casual visitor who is accustomed to expect more or less photographic reproductions in painting will view the present exhibition with mixed emotions. One or two of the paintings, if taken seriously, are sufficient to turn wife against husband and brother against brother.

The casual visitor will do well, however, not to allow the more disturbing radicals in the group to blind him to the charm of the other.

Yielding to the small-child urge to take the best first, one views Rockwell Kent's "Supplication," probably the finest painting in the exhibit. It is a typical example of Kent's work and a very excellent water color. The drawing is fine and accurate and the work has a high emotional character. The supplicating figure, from which light radiates, dwarfs the mountains behind into insignificance. Nothing is left but the Man and his Deity.

Two of the most interesting water colors are by George Biddle. They are "On the Road to Cape Haitien" and "Loading Coffee"—both done in Haiti. Both give a gay, decorative, exotic feeling, with nice color, and the former, especially, shows nice composition with good drawing of animals and human figures. The coffee loading scene makes work appear a pleasure, but the jagged line of the dock cuts into the picture, and is rather trying on the composition.

Separating and violently and "redly" contrasting with the Haitian paintings is H. Maurer's "Head," nicknamed by architecture students "The Cockeyed Madonna." The head is that of an ungainly, pin-headed type of woman, who is also cross-eyed. The pattern is uninteresting. The painting provokes the belief that Maurer was just relieving his feelings.

Posteresque effects are obtained in Charles Rocker's "Clowns" and "Marines." Both are done in opaque water color, as opposed to Biddle's transparent effects. "Clowns" would make a fine addition to any child's playroom. It consists of three naturalistic figures—very gay and very obviously posing. The "Marines" painting gives a nice feeling of distance—in a rather flat way.

Those who find little else of a sympathetic note in the exhibit probably will enjoy "Church," by J. W. Taylor. It is done in quite greyed tones but gives an impression of considerable color and atmosphere. Taylor conveys a nice feeling of aged stone with sunlight playing on it.

"Barn," by Lois Lenski, is a very naturalistic rendering of a country scene, with rolling hills and a definite pattern in fields which carries the composition. The lines of the sky are a little disturbing and unnecessary, tending to lead the eye out of the picture too much.

Three interesting though rather distorted figures are grouped in "The Bathers," a small water color by Charles Demuth. Viewed from a distance the figures merge somewhat and there remains a pronounced and pleasing color pattern. The painting is typical of Demuth's work.

Near "The Bathers" is "Bouquet," a small and humorous affair by Jules Pascin, built around a flower seller and three women whose facial expressions and emotions are cleverly and sardonically displayed. The drawing is good and very pleasing greyed colors are used.

The lowly skunk cabbage is elevated to something rather dramatic in Wanda Gag's painting "Skunk Cabbage" which is most pleasing in composition and color scheme. Rather rose colored ground forms a background for the plants. The difficult brownish-rose tints of late afternoon are somehow recreated by the artist.

Lots of good local color and a pleasing effect of sunshine is included in Dorville's "Quartier Notre Dame," a rather large and well executed study with a Paris locale.

The heights and the depths in mood are painted by Emil Ganso into "Factory" and "Scarborough" which hang side by side. The former shows a dark factory in a dark valley, and is done on greyed paper in a very harmonious color scheme which adequately conveys its message of depression. "Scarborough," in contrast,

has gay greens and blues and sunshine falling on bright fishermen's houses along the bay.

Reminiscent of childhood's scrawling satisfaction of the impulse to art is Jean Cocteau's "Sailor." The irrepressible Cocteau apparently went back to the nursery for inspiration—thereby bringing down the wrath of the too serious-minded upon him.

Vlaminck's "Village" gives the same characteristic feeling of chiaroscuro in a picture that he usually gets, and his work has a tendency to grow on one.

L'Engle's "Girl Leaning On Elbow" somehow is not disturbing in spite of the very distorted pose.

"Palms," a somewhat dramatic painting by Sprinchorn, portrays a tropical scene with a storm coming on.

The exhibition will remain up un-

tion with the Wolff Packing company at Topeka.

Philip Fox, '97, was teaching science and mathematics at Saint John's Military academy.

President E. R. Nichols and Regent Hunter bought \$25,000 worth of 6 per cent Ponca City, Okla., waterworks bonds for the college.

F. D. Copping, f. s. in 1899, who had been in Manhattan the previous few weeks as agent for the Farmers' Log Book, accepted a place on the Lawrence World.

FORTY YEARS AGO

W. R. Browning, '89, was with the Union Pacific surveying corps in southern Colorado.

H. P. Wareham, f. s. in 1887, announced that he would again engage

The Bard's Birthday

F. D. Farrell

On April 24, some of the most enlightened people of a score or more of nations will celebrate the anniversary of Shakespeare's birth. The occasion is only less important than Christmas. It is perhaps quite as significant as Independence day in the United States, Bastille day in France, or Dominion day in Canada. For the Bard of Avon is a world figure whose light has not only remained undimmed since his death, more than 300 years ago, but has gained steadily in power and brilliance. The better his works are known the more his genius is admired.

Like some other famous Elizabethans, and like our own Ben Franklin, Shakespeare is amazingly modern. He would be quite at home in twentieth century America. He is universal. His philosophy and his opinions still are fresh. He makes suggestions that are perfectly good in 1930 regarding a great variety of things: friendship, criticism, thrift, the hereafter, speech-making, self respect, love, ambition, marriage, fatalism, justice, mercy—and so on, almost endlessly. Few of his pronouncements have been improved upon in 300 years.

It is gratifying to know that the Manhattan chapter of the American Association of University Women is to sponsor a celebration of Shakespeare's birthday on April 24. There is to be a Shakespeare dinner in the banquet room of Thompson hall. The program will include selections from several of the plays and songs of the great poet and a few brief addresses on Shakespearean subjects. It is specially fitting that an organization of women should sponsor the celebration, for there is perhaps no poet who excels Shakespeare in the portrayal of feminine character. Shakespeare's women include some of the most beautiful characters in history or fiction. It would be an excellent thing for the college and the community if the Shakespeare dinner should become an annual event.

til March 15, and will be followed by modern English etchings from the Roullier galleries in Chicago.

—R. I. T.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

L. K. Saum, '18, was teaching agriculture and athletics in the Gooding high school, Gooding, Ida.

Ralph G. Mickle, '18, took a position as head miller of the Clyde Mill and Elevator company at Clyde.

David G. Robertson, '86, spoke on the subject, "Our Original Yankees," in the regular weekly student assembly.

Elsie Cuthbert, '19, was selected to take charge of the Roland Park Community kitchen and dining room at Baltimore, Md.

TWENTY YEARS AGO

Professor Kinzer acted as judge at the Brandon Midwinter Fat Stock show at Brandon, Manitoba. On his return he visited the Minnesota state experiment station.

Prof. Vernon M. Shoesmith, formerly assistant professor of agriculture, accepted the position of professor of farm crops in the Michigan Agricultural college.

The college corn train special concluded its itinerary after having made stops at 69 different towns enroute. The attendance was nearly 1,200 a day. The speakers were superintendent J. H. Miller and J. G. Haney.

THIRTY YEARS AGO

R. W. Rader, '95, accepted a posi-

in the farm implement business here.

J. F. Overfield, f. s. in 1885, was traveling for a St. Louis glassware house, making his headquarters at Independence, Kan.

George Sorenson, f. s. in 1886, wrote from Peterton, Kan., where he was station agent on the Atchison, Topeka, and Santa Fe railway.

FIFTY YEARS AGO

This is a conclusion of the names of those receiving first rank for the month of February:

Papers were to be presented at a meeting of the Scientific club by Professor Popenoe, W. Knaus, A. Beacham, and W. Ulrich.

M. H. Markum, Dalinda Mason, William Moore, L. H. Neiswender, Henry Nelson, Mary O'Brian, Grace Parker, W. A. Quayle, May Quinby, N. A. Richardson, George Rose, M. E. Sickels, Eugene Snodgrass, George Thompson, Sarah Walden, J. C. Welch, J. T. Willard, and C. D. Wood.

There is nothing to write about, you say. Well, then, write and let me know just this—that there is nothing to write about; or tell me in the good old style if you are well. That's right. I am quite well.

—Pliny the Younger.

HIGH HEAVEN

Wade Van Dore in New Republic

High heaven, blue and dustless, I can see
Is stripped of many a lovely thing
The earth has here to give me ecstasy.
I think it has no bird to sing.
I doubt it has a golden bee;
A spider that, with silver string,
By two deft turns is given power
To tie a tree onto a flower.

FROG SONGS

Carl Sandburg, in "Good Morning, America"

The silver burlles of the frogs wind and swirl.
The lines of their prongs swing up in a spray.
They cut the air with bird line curves.
The eye sees nothing, the ear is filled,
The head remembers
The beat of the swirl of frog throat silver prongs
In the early springtime when eggs open, when feet learn,
When the crying of the water begins a new year.

SUNFLOWERS

H. W. D.

ON BEING CALM

If your community is like everybody else's community, you will find in it certain individuals raucously swearing that any stranger, Mr. Walter Liggett for instance, who drops in any old time, can buy himself a drink in 11 minutes and 47 seconds. You will also find other individuals just as certain there is no bootlegging and only a modicum of home-made wine in case of Christmas or influenza or something.

Both of these types of individuals are mistaken. They have been talking too much among themselves or reading in the papers about what somebody said before some investigating committee in Washington. Maybe they have either been pleased pink or scared out of their good judgment by the assertions of a politician from New Jersey or a magazine writer from New York City.

In short, there seems to be an awful uproar about national prohibition. But in our modest opinion, the stress that should be put on the word "seems" is great enough to make the whole statement a joke.

Here is why we think so.

The truth about prohibition doesn't get in the papers. It isn't news. It lacks the flash that news must have to get itself read. Besides, it isn't news because almost everybody already knows it.

Here is the truth. Anyone can see that it is too tame to make the front page.

There is still some drinking in America, also some selling of intoxicating liquors. There is much less of both than there was before the eighteenth amendment went into effect. Illegal traffic in liquor has neither increased nor decreased amazingly in the past five years. There is no reason for getting panicky one way or the other. What you read about what somebody said is only a small fraction of the whole truth—if it's even that.

If there were as much drinking as there was before Volstead in many communities I have known, you wouldn't dare drive anything but an armored car on any popular highway between Friday night and Monday morning. If there were no drinking whatever, there would be no talk of drinking.

America would be foolish to tamper with the eighteenth amendment either now or soon, as foolish as a bride and groom changing a marriage contract immediately after their first puny quarrel. America would be foolish not to allow national prohibition at least half as good a chance as the legal sale of liquor had, the which—you will recall—was a good, long chance.

Now something tells me, just as something tells you, that America is not going to be that foolish. The great bulk of the American people are merely being entertained by the hullabaloo. They know that anybody, given free rein with facts, fancies, and figures, can—provided he is not an utter imbecile—prove whatever he is paid to prove.

After a generation or so, Uncle Sam may decide that something should be done about it.

Until then, let us sit tight and be amused—even by the Literary Digest poll.

At the beginning of the cask and at the end take thy fill, but be saving in the middle; for at the bottom saving comes too late. Let the price fixed with a friend be sufficient, and even dealing with a brother call in witnesses, but laughingly.

—Hesiod.

AMONG THE ALUMNI

Emmett Hill, '29, holds a position with the Kansas Evergreen Nurseries, Topeka.

C. W. Foster, '28, is employed by the Standard Oil company at Elizabeth, N. J.

Bert Bivens, '24, is with the General Electric company at Schenectady, N. Y.

P. H. Ross, '02, is director of the extension service at the University of Arizona, Tucson.

Alta E. Barger, '29, has charge of the fourth grade in the city schools of Houston, Tex.

John F. Grady, '20, is county engineer of Labette county, with headquarters at Oswego.

Guy Buck, '24, of Schenectady, N. Y., visited relatives and friends in Manhattan March 2.

Grace B. Long, '23, is state home agent at the New Mexico College of Agriculture and Mechanic Arts, State College, N. M.

W. L. Enfield, '09, is director of the lamp development laboratory, National Light company, Nela Park, Cleveland, Ohio.

David G. Hall, M. S. '29, is assistant entomologist in the United States department of agriculture, bureau of entomology.

Harold Batchelor, '27, is with the R. C. A. Victor company at Camden, N. J. Batchelor's work is on theatre acoustics and loud speakers, and he writes that it is proving very interesting.

Minnie (Pence) Curry, '14, of Gentry, Ark., in a letter to Miss Machir, registrar, says that she is still on the Capper's Farmer staff and that she also writes the women's department for the Arkansas Farmer.

Vernon M. Norrish, '26, who has a position in the automotive division of the transportation engineering department, General Electric company, has been transferred from the Lynn, Mass., works of the company to the Erie, Pa., works.

Leo Moser, '18, is now advertising manager for the Lawyers' Mortgage company, one of the oldest mortgage companies in New York City. He closed his own office as public relations counsel for financial corporations to accept this position.

Claire (Lewallen) Montgomery, '11, is home demonstration agent of Pettis county, Missouri, with headquarters at Sedalia. In February, 1921, Mrs. Montgomery accepted the position of home demonstration agent of Lincoln county, Missouri, and went from there to Pettis county in 1928.

BIRTHS

Lester Frey, '28, and Rachel (Hercley) Frey, '26, of Manhattan, announce the birth February 24 of a son to whom they have given the name Russell Alan.

J. S. Fleshman and Mary C. (Brooks) Fleshman, '28, of Trenton, Mo., announce the birth of a daughter, February 13, to whom they have given the name Nancy Louise.

DEATHS

PLANK

George A. Plank, Jr., '25, of Independence, Mo., died February 17 in Jefferson City, Mo., as a result of burns suffered February 14 when he came in contact with a 35,000-volt electric cable.

Plank traveled for the General Electric company supervising installation work and his headquarters were in Chicago. His mother, Mrs. Emma Plank, of Independence, is his only immediate survivor.

DAVIS

C. S. Davis, who was superintendent of printing at K. S. A. C. for two years beginning in 1897, died January 8 at Garfield hospital in Washington, D. C., following a long illness. Mr. Davis had been retired four months from his position in the editorial department of the bureau of plant industry, United States department of agriculture. Surviving are two daughters, Mrs. Bradford Browne and Miss Edith Davis, both of New York City, a brother, K. C. Davis, '91, of Nashville, Tenn., and

a nephew, Ralph P. Schnacke, '16, of La Crosse, Kan.

SWINGLE

John F. Swingle, a Civil war veteran and long a well known resident of Riley county, died at his home in Manhattan March 4 following an attack of pneumonia. Surviving are: Dr. Walter T. Swingle, '90 and '96, of the United States bureau of plant industry, Washington, D. C.; Miriam (Swingle) Joss, '96, of Washington, D. C.; Leonhardt Swingle, '13, of Indio, Calif.; and Charles F. Swingle, of the bureau of plant industry, Washington, D. C.

MUSIC

Miss Ruth Hlavaty, pianist, and Mr. Edwin Sayre, tenor, appeared in joint recital at the college auditorium Sunday afternoon. Due to the exceedingly balmy weather outside, the house was not so well filled as usual, but the high quality of the work done by the recitalists more than made up for the meagerness of the audience.

It was Miss Hlavaty's first formal appearance before a Manhattan audience. To say that she pleased is talking altogether too mildly. She impressed even the most critical of her auditors with the fact that she is a finished recitalist of high merit.

In the first place Miss Hlavaty plays with intelligence. Her interpretation of the twelve Schumann symphonic etudes, with which she opened the program, showed a range of understanding only the accomplished recitalist can boast. Her second group, consisting of lighter and more colorful numbers, demonstrated her ability to appreciate and to execute the modern, with its strikingly artistic handling of the not-too-serious and the near-harmonious. Her third number, "Scherzo in C Sharp Minor," by Chopin, difficult, complicated, and varied, made no demand that was not met with a wholly sufficient, entirely unobtrusive technique.

Outstanding in Miss Hlavaty's playing is her capacity for stressing individual, dominant tones both in dignified, stately movements and in colorful, limpid passages. Unusual finger strength is the only explanation. Her playing has the unusual characteristic of brilliant clarity. As demonstrated in the Schumann etudes, Miss Hlavaty can also readily pass from music of one mood to that of another and from stately choral passages to those in which delicacy, celerity, and accuracy are everything.

Mr. Sayre, well known to Manhattan audiences for his flexible tenor voice and the facility with which he sings, lost nothing of his enviable reputation. His first number, "Adelaide," a song cantata by Beethoven, was particularly pleasing. In it he had excellent opportunity to show the flexibility of his voice and the fine quality of his high soft tones.

Of the second group, "Le The," a beautiful melody by Koechlin, was exceedingly well liked. It is not only a lovely song, well interpreted by the singer, but it gave Mrs. Sayre, who accompanied her husband, an opportunity to demonstrate her skill and sympathy as an accompanist. For his last group, Mr. Sayre sang "My Lovely Celia," by Wilson, "It Was a Lover and His Lass," by Quilter, and "The Song of Life," by Cadman.

The final faculty recital will be given by Miss Clarice Painter, pianist, and Mr. Lyle Downey, cellist, Sunday, March 16, at 4 p. m.

—H. W. D.

LOOKING AROUND

KENNEY L. FORD

It is hoped that many alumni will be back for the 1930 commencement activities from May 25 to 29. Class reunions will be celebrated by the classes of '25, '20, '15, '10, '05, '00, '95, '90, '85, and '80. Members of the classes of '80, '85, and '90 will be given special recognition at commencement time. The '05 class is expecting a fine homecoming to celebrate its silver anniversary. The class of '10 has been planning and preparing for its reunion festivities for nearly a year and should furnish keen competition to all the classes for attendance honors.

The annual business meeting of the alumni association will be held on alumni day, May 28. Three members of the board of directors are elected at this meeting for a term of three years. Any member of the alumni association who wishes to suggest a nominee to the board of directors or who wishes to make a suggestion for the good of the order, if unable to be present at the annual business meeting, is urged to write the alumni office. Your suggestions are appreciated.

Our "big moments" in the alumni office occur when a membership is received from someone sending in his or her alumni dues for the first time. Probably the most important contribution any member can give to our association is to get a new member. Why not all work on this problem and increase our membership to the maximum? We don't want our association to be a weakling. Try to enrol the next Kansas Aggie you meet.

WITH THE ABSENTEES

Dr. R. K. Nabours, head of the department of zoology, is taking his year of sabbatical leave in New York, where he is research associate in genetics with the Carnegie institution at Cold Spring harbor. His "news letter" is as follows:

Mrs. Nabours and the four children are all students in Columbia university, and also learning what apartment life is like on a very busy corner of upper Broadway. Richard has begun his academic career in the Spier Nursery school, on a special scholarship, at the age of a year and 11 months. It is unlikely that many persons have enjoyed fellowships or scholarships in universities at a much earlier age. The other three children are in the Lincoln school.

We have been trying to find out how much better these special, experimental schools are than our much less pretentious schools in Manhattan. After several months one remains puzzled. After all, it appears that the ability, personality, and zest of the teachers matter most, and we have some as good in Manhattan as any here. The management of these special schools realize the difficulties, and they are working hard and open-mindedly, but how much progress has been made since Dewey left Chicago, 26 years ago, is very difficult to estimate. It certainly does not appear that money will make, or always attract good teachers, or that these, if and when secured, may make good students from poor ones.

We heard Dr. John Dewey lecture one and a half hours last night on

"Criticism and Construction," and he did not speak a dull sentence. He is known, at least by name, to more people than probably any other educator in the world. It is delightful to see him at 70, in appearance under 60, active in many and divergent affairs, America's first citizen in education, and speaking with greater zest and lucidity than in his earlier days. His philosophy has undoubtedly influenced modern education tremendously, and probably proportionately as much in remote parts of the country as in Chicago and New York.

This is, indeed, the New Frontier which offers in its ways as much adventure, also danger, and opportunity for service and advancement as did the recent, but now departed Western Frontier. Grandfathers and great-grandfathers and mothers went to Kansas in covered wagons, and the stronger overcame whatever difficulties beset them. Now, grandsons and great-grandsons and daughters are coming back by automobile, train, and airplane to greatly different, though just as intriguing and difficult situations as those "westwarders" encountered. The very tallest and one of the finest buildings in the world, just completed here, is a reverberation from Wamego, Kan. Leadership in numerous enterprises consists of echoes from many hills, prairies, and barns of the middle west, and a preponderance of it apparently comes through the educational institutions, among which, one is happy to note, K. S. A. C. is contributing a commensurate share.

The following letter was received from Prof. R. M. Green, who is now at the University of Chicago:

I have had one quarter and a half of intensive work here at Chicago U. since last October 1. The second quarter of the three I am to be here ends March 21. The work has been exceedingly interesting. I have had the opportunity of seeing some of the problems the city business man has. The problems of marketing and distributing in some of the large industries are at the present time scarcely less pressing than those of the farmer. Chain store development, improved transportation, and other changes are upsetting branch house organization, jobber distribution, and the independence of small retail units. Cooperation among units in certain industries is getting to be as popular a convention topic as it is among farmers.

One who has not looked into the matter would be surprised to learn of the extent to which some industries are really studying their business in a way that a few years ago would have been considered entirely academic. One large company, for instance, has had a thorough analysis made of its sales. It found, among other things, that 55 accounts out of 100 called upon by their salesmen gave them only 5 per cent of their sales to the hundred. Another large company found that 33 accounts out of 100 called upon by their salesmen returned only 2 per cent of the sales to the hundred. Needless to say, these companies are taking steps to prevent sales trips to accounts that do not even pay costs.

My research problem has to do with the use that can be made of the volume of future trading and open interest reports of the Grain Futures administration.

We are of the opinion that a study of supply and demand information available plus this study of what traders and speculators are doing will give us a more complete picture of the market at any time than will just supply and demand facts alone. I am doing this work in the office of the Grain Futures administration, the head of which here in Chicago is our old friend L. A. Fitz, formerly head of the milling department at K. S. A. C.

Perhaps not the least I am getting out of this opportunity for study here is the student viewpoint again. To be questioned, told point blank you are wrong, to have shotgun quizzes sprung on you, and to sweat through two hour finals, is getting some of your own medicine. I think my sympathies for the student will be rejuvenated. That will be good news for the student, anyway. They stand to get some benefit from my being away, at least.

R. M. Green.

Don't criticize competitors, steer your own ship.

RECENT HAPPENINGS ON THE HILL

Miss Myra Scott, instructor in English, was one of those to win honorable mention in the recent poetry contest of the Kansas Authors club.

The "Foibles" number of the Brown Bull will be released on the campus the latter part of this week, according to the editor, Jay Adriance, of Westmoreland.

The eight K. S. A. C. swimmers who went to Kansas City last Thursday to compete in the Big Six swimming meet placed fourth with eight points. Nebraska won first place.

The Jean Gros marionettes were presented at the college yesterday afternoon and last night, under auspices of the college chapter of the American Association of University Women.

Breakfast jaunts, hikes, and overnight trips will be part of the course in camp craft and administration which will be offered by the department of physical education for women next week.

Sigma Tau, honorary engineering fraternity, is sponsoring the refurbishing and completion of the engineers' library. Student help will be employed to care for the room which is on the second floor of the engineering building.

"Discoveries of the Future" will be the subject of a lecture by Dr. H. E. Howe, editor of the Journal of Industrial and Engineering Chemistry, in C 26 on Monday, March 17. The lecture is under auspices of the Science club and the K. S. A. C. section of the American Chemical society.

HOUSE AND GARDEN MAGAZINE PRAISES K. S. A. C. BULLETIN

Contains 'Sane and Commendable Architecture,' Says Commentator

Comment on the department of architecture Bulletin No. 23, containing designs for Kansas farm homes, was made on the "Bulletin Board" page of the House and Garden magazine for March. H. E. Wichers, assistant professor of architecture, compiles and publishes the regular bulletins on small homes.

The comment was as follows: "So abundant and easily acquired are good designs for small houses that one wonders why so many poor ones are built. Either people who want the ultimate minimum of house are not aware of these plans being available or else they do not know a good design when they see one. Good design starts with a plan, not with an exterior style.

"Any well trained architect, given the desirable plan, can usually make it fit any type of architecture. Most laymen, however, first visualize themselves as living in a certain style of house—and the rooms are made to fit that style. Or else, having fallen into the hands of a jerry-builder or an idealless real estate operator, they are led to believe that exterior gewgaws comprise attractive architecture.

"These scattered thoughts came to us recently when we received from the Kansas State Agricultural college, at Manhattan, its Bulletin No. 23 containing designs for Kansas farm homes. Rarely have we encountered so many good plans and so much sane and commendable architecture in so small a space."

Dickinson Meeting

The Dickinson county K. S. A. C. Alumni association will hold a meeting in Solomon Wednesday, March 19. A dinner will be held in the dining room of the Presbyterian church at 6:30 o'clock. Reservations may be made with Adelaide (Seeds) Montague, '19, Solomon. Following the dinner a social evening will be spent at the Montague home. All graduates and former students are urged to be present.

Faculty Itinerary

Dean J. T. Willard will be at the Stevens hotel in Chicago March 17 to 21. He will attend a meeting of the North Central Association of Colleges and Secondary Schools.

Professor J. P. Calderwood will be in Columbus, Ohio, April 10.

LOST, STRAYED, OR—

The alumni association will appreciate having corrections on addresses and news of graduates or former students. Write us.

Earle, Charles W., '90
Earnheart, Marie Edith, '12
Easley, Myrtle Alberta, '12
Ellis, Dora Jean, '12
Ellis, Frank C., '12
Ellis, George F., '25
Ellis, Robert W., '11
Vasey, Mrs. Florence (Embree), '13
Thompson, Mrs. Mina (Erickson), '14
Erwin, Lester E., '24
Farmer, George Louis, '16
Farmer, Lillia Cecil, '11
Faubion, Rena Amelia, '10
Fenton, Irene, '13
Gardner, Mrs. Stella (Finlayson), '07
Fleming, Frank Leroy, '14
Flora, Jefferson Harold, '17
Flynn, Joseph P., '23
Folck, William Robert, '20
Foltz, Paul Alfred, '22

Freeman, Mrs. Mabel (Foster), '23
Foster, Ralph Lloyd, '26
Fredenburg, John, '21
Fulton, Elsie, '22
Gall, Gladys Elizabeth, '18
Gann, Muri, '19
Garlock, Gerald Lynn, '22
Garrett, Roy Preston, '23
Garth, Herbert Otis, '23
Gearhart, Lloyd, '14
George, Clarence R., '23
Giffin, Charles W., '15
Gilstrap, Harry Benson, '91
Glasscock, Edith Sara, '14
Gougler, Frank Alfred, '15
Graham, Lewis M., '06
Green, Ned Merrill, '97
Miller, George A., '19
Mrs. Dora (Grogger) Miller, '20
Guild, Florence Gladys, '17

FARMERS MUST PAY PRICE OF COOPERATION

FARRELL OUTLINES HUMAN ASPECTS OF A PROBLEM

Most of Major Obstacles to Spread of Cooperation are Human Shortcomings, President Tells Marketing School Visitors

The history of human progress is largely the history of increasing cooperation among human beings, Dr. F. D. Farrell, president of K. S. A. C., said in addressing visitors at the opening of last week's school of cooperative marketing at the college. Virtually every great advance in civilization has involved an increase of group action. This is true of advances in finance, manufacture, education, government, transportation, religion, and agriculture. If the required group action fails, progress does not occur.

"Just now, the trend toward large scale group action and centralized control in all major fields of activity in America is particularly strong," the president continued. "Most of the major obstacles to the spread of cooperation are human obstacles. We enact laws and make elaborate plans for the purpose of utilizing the great potential powers of group action, but the laws and plans are ineffective unless the human obstacles are surmounted. This is as true of the marketing of wheat and butter and apples as it is of establishing and maintaining a stable government or of selling motor cars on a gigantic scale. In each instance, successful group action requires some degree of effective control of certain human qualities.

INDIVIDUALISM MODIFIED

"These human qualities include intense individualism, or the desire of each of us to do as he pleases; impatience; fear and suspicion of the unknown; ignorance, or lack of understanding; and distrust. All these qualities are natural. Some of them in themselves are of great value. Yet each must be brought under some degree of control if group action is to succeed."

Whenever a group of people are convinced that they can improve their condition by joint action, they come to recognize the necessity of modifying their individualism, curbing their impatience, increasing their understanding, and trusting and supporting their own representatives for the good of the group, President Farrell explained. The American farmer is now faced with the question whether he is to continue to depend upon the commercial system of marketing farm products or develop a cooperative system of his own. Some of the imperfections of the commercial systems are based upon the present status in the United States of such human qualities as have been mentioned as they relate to the production and distribution of farm products.

A SYSTEM THAT COSTS

"So long as the farmer is unwilling or unable to support a cooperative system, to be operated primarily in the interest of the producer, he must use a commercial system, which, of necessity, is operated primarily in its own interest," the K. S. A. C. head concluded. "He cannot have a successful cooperative system unless he pays a price for it. The price includes infinite patience, far-sightedness, group loyalty, selection and support of capable leaders, and a genuine merging of certain individual interests with the welfare of the group."

WOMEN'S BASKETBALL TOURNEY UNDER WAY

Four Class Teams Start Series of Games to Determine College Court Championship

Women athletes of the college are staging an annual inter-class basketball tournament. Aspirants for positions on the four teams have been practicing since early in the present semester and the games are now well under way. The principal candidates on the various squads are as follows:

Senior—Eva Hixson, Wakeeney; Barbara Jean Pollock, Topeka; Grace Editha Reed, Topeka; Frances Wagar, Florence; Leone Wilson, Wichita; and Jo Winters, Ashland.

Junior—Esther Hobson, Kingman; Mildred Purcell, Manhattan; Helen Van Pelt, Beloit; Norma Koons, Sharon Springs; Estella Shenkel, Geneseo; Jo Johnston, Abilene; Ruby Nelson, Jamestown; Grace Zeller, Keats; Lydia Andres, Alta Vista; Opal Hay, Parker;

Mina Skillin, Frankfort; Helen Dodge, Manhattan; Pauline Samuel, Manhattan.

Sophomore—Bertha Barre, Tampa; Rachel Lamprecht, Manhattan; Julia Lamb, Blue Rapids; Vivien Nickels, Manhattan; Alice Brill, Westmoreland; Maxine Wickham, Manhattan; Anna Rueschhoff, Grinnell; Charlotte Remick, Manhattan; Elsie Mae West, Manhattan; Mildred Kingsbury, Herington; Helen Tolin, Havensville; Galvesta Siever, Manhattan; and Zada McCutcheon, Kingman.

Freshman—Alice Bozarth, Lenora; Elizabeth Crawford, Madison; Mabel Fiser, Mahaska; Marion Thompson, Manhattan; Hazel Forbes, Eureka; Inez King, Junction City; Velma McKee, Spearville; Lucille Nelson, Jamestown; Mildred Pishney, Waterville; Helen Swartz, Everest; Betty Wagstaff, Topeka; Elna Morgan, Hugoton; and Marguerite Morris, Paxico.

STUDENT ELECTIONS AROUSE EXCITEMENT

Theodorics Opposed to 'Vox Pop'—Campaign Climaxed With Band Concert

Class elections for Kansas Aggie students were held yesterday. The Theodorics, successful in six of the past seven elections, again placed in the field a complete ticket.

Meanwhile Democras, organized two years ago as the chief opponent of Theodorics, swung its strength to a new party, "Vox Pop," meaning, of course, voice of the people. Vox Pop was led by Earl Richardson of Coffeyville, and Tony Borecky, Holyrood. A parade and band concert climaxed its campaign.

Theodorics, like Vox Pop, was organized as a people's party, the slogan being "the strength of the people." Its chief organizer four years ago was Alice Nichols of Liberal, now assistant editor of the Country Home, New York City.

The candidates were:

Theodorics, Senior—Clem Richardson, president; Margaret McKinney, vice-president; Harold Boley, secretary; Myrtle Horn, treasurer; Fred Toomey, marshal; Ruth McCammon, devotional leader. Junior—Jack Burke, president; Josephine Young, vice-president; Norma Koons, secretary; Margaret Darden, treasurer; Fred Barber, marshal.

Sophomore—Eldon Auker, president; Rachel Lamprecht, vice-president; Elsie Mae West, secretary; Norma Sayre, treasurer; John Schafer, marshal. Freshman—Edward Woods, president; Lillian Lohmeyer, vice-president; Hazel Bland, secretary; Wilbur Herr, treasurer; marshal, open.

Candidates on the Vox Pop ticket: Senior—Milford Kindig, president; Mary Belle Read, vice-president; Jim Yeager, secretary; Erwin Hollingsworth, marshal; devotional leader, Jim Pratt. Junior—C. M. Rhodes, president; Helen Randall, vice-president; Leota Shields, secretary; Del Price, treasurer; Sam Alsop, marshal.

Sophomore—Lee Toadvine, president; Lawrence Morgan, vice-president; Vera Bowersox, secretary; Carl Ossmann, treasurer; Lloyd Boley, marshal. Freshman—"Zeke" Sullivan, president; Russell Smith, vice-president; Reuben Sparks, secretary; Frank Gwinn, treasurer; Forrest Booth, marshal.

People have quit struggling for an existence—the struggle now is to keep up with the automobile and radio payments.

PROGRESS OF KANSAS PRESS

F. E. C.

The Caldwell Daily Messenger and News printed on February 28 a special edition of 20 pages celebrating the Daily Messenger's tenth anniversary, and the forty-third anniversary of the founding of the News. The number contained a great deal of interesting historical material about Caldwell and its territory. One of the excellent features was a souvenir supplement on which were reproduced front pages of Volume I, Number 1 of both the News and the Messenger. Harold A. Hammond is editor and publisher of the Daily Messenger.

The Jewell County Republican has a good idea for developing its want ad column. Knowing that people dislike to carry pockets full of pennies, the Republican advertises that it will run want ads for 1 cent a word and 5 cents a signature with no ad at less than 10 cents.

The Minneapolis Messenger is printing two papers each week this month. In addition to the Messenger, Editor Ralph Hemenway has arranged to print the Barnard Bee because Editor Caughey of the Bee is undergoing treatments for his health. Mrs. Caughey, who is editor of the Bee, will send copy to the Messenger plant.

S. P. Gebhart is starting his thirty-fifth year as editor and publisher of the Pratt Union.

The Kingman Journal knows that

COLLEGE EXPERIMENTS WITH GRASS FATTENING

FEEDS GRAIN VARIOUS WAYS TO GRAZING STOCK

Cattlemen Have Learned that Yearlings Won't Get Fat Enough to Suit Packers if Pastured Without Concentrates

Young cattle will not get fat enough on grass alone to satisfy the packer, according to Dr. C. W. McCampbell, head of the college department of animal husbandry. This means that young cattle should be fed grain before, during, or after the grazing season to make them fat enough and to give them a finish that will be acceptable. Just when young stock should be fed and just how much they should be fed to utilize bluestem grass to the best advantage is a problem that the animal husbandry department has been studying in recent years.

One fact that has been demonstrated is that calves that are to use grass as yearlings and be fat enough by fall to satisfy the packer must be well wintered. This necessitates a daily ration of approximately five pounds corn, one pound cottonseed meal, two pounds alfalfa hay, and all the silage a calf will eat each day, or an equivalent of this ration.

The question which Doctor McCampbell is interested in answering is whether, even with this kind of wintering, yearlings should be fed a liberal amount of concentrates during the grazing season. A phase of the 1929-30 experimental projects involves a study of the best time to feed grain to calves that are on grass.

During the last winter four lots of calves were fed alike on the foregoing ration. Lot 1 will be started on a full feed of grain on grass May 1, and fed through the summer. Lot 2 will be turned on grass May 1 but will be fed no grain until August 1, after which it will be full fed on grass the rest of the summer. Lot 3 will be fed exactly as lot 1 except that it will be fed in a dry lot after May 1 instead of on pasture. Lot 4 will be fed exactly as lot 2 except that it will be fed in a dry lot after August 1 instead of on pasture. From the results secured the animal husbandry department hopes to gather authentic information on this all important cattle fattening problem.

Believe It or Not

The following incident, which is supposed to have happened in the home of Harvey and Clara (Smith) Roots, '11, at Wamego, is going the rounds in Kansas newspapers:

"H. G. Roots was in a great hurry to get ready for church Sunday evening. He put on a clean shirt but misplaced his collar button. Mrs.

Roots and the children joined in the search, even looking through the laundry bag. Another button was finally found and Harvey proceeded to church.

"That night, when he prepared to retire, he took off one shirt and found that he had on another one under that shirt and in it was his collar button.

"Mrs. Roots laughed at him."

DRAMA

The production of Eugene O'Neill's "The Emperor Jones" by the Manhattan Theatre on Friday and Saturday nights was in every way a most excellent performance. The finished acting of William Johnson in the title role and the atmosphere resultant from good presentation throughout marked the greatest artistic triumph H. Miles Heberer, dramatic coach, has yet achieved in Manhattan.

"The Emperor Jones" is not a pleasant play. Its subject matter is the disintegration and the demoralization of an elemental Negro, who has lifted himself by sheer effrontery and good luck to the height of human supremacy. From Brutus Jones, emperor, to a creature hunted, paralyzed with fears, and brought to death as a mad dog might be, is no short or pleasant journey. Successfully to produce such a story dramatically is very nearly as great an accomplishment as to conceive and write the play.

William Johnson, who enacted the role of Emperor Jones, did—to speak quite openly—the best bit of acting seen in the college auditorium in many, many a year. His conception of his task was wholly sufficient. His characterization was thorough and finished. He conquered his audience without delay and he kept them conquered. Throughout, his acting was intelligent and sane, while the opportunities to overdo were legion. And then one must remember that he carried practically the whole play, with the exception of the role of a cockney trader, which was taken by Roscoe Faunce, and well taken.

However, very much of the credit for the success of the performance must go to Lester Burton, master of lighting, and to Alden Krider for stage design. Never before in the history of the Manhattan Theatre have the stage sets and the lighting played so important a part in play presentation. To create a successful illusion of a dark, gruesome tropical forest touched now and then by moonlight on what they call the "stage" at the college auditorium is truly a job for geniuses—and Messrs. Burton and Krider proved themselves just that.

Commendation should not be withheld from the many non-speaking actors who helped to create a world of ghosts and goblins in which poor Brutus Jones found himself. They brought shivers a-plenty to the audience, as well as terror to Emperor Jones. All in all, it was the kind of presentation appealing too directly to the senses to be told about in mere words. If you saw the play, you know what we are falteringly trying to say. If you didn't, you'll have to guess. —H. W. D.

Beardsley Manages Farm

W. S. Beardsley, '27, who is now located at Orford, N. H., in charge of the E-K farms, writes:

"I have Percheron horses, Short-horn cattle, Shropshire sheep, Chester White hogs, which I expect to change to Durocs in time, Rhode Island Red hens, and most everything a rich man needs to satisfy his hobby for farming.

"I take the Chicago Daily Drovers Journal so know about Professor Bell's team at Denver. Please extend him my best regards, and wish him many more winning teams.

"With best wishes from the hills of New Hampshire."

Dunlaps Plan Visit

Jack W. Dunlap, '24 and '26, and Hilda (Frost) Dunlap, '27, who have been in the Hawaiian islands for the last two years, expect to be in Manhattan early in August. Next fall they will attend Teachers' college, Columbia university, New York City, where Dunlap will have a position as assistant in the psychological laboratory of Dr. E. L. Thorndike and work toward his doctor of philosophy degree. Mrs. Dunlap has just received her M. S. degree from the University of Hawaii.

MISSOURI WINS TITLE BY DOWNING JAYHAWK

TIGER CAGE TEAM FINISHES FIRST IN BIG SIX CONFERENCE

Champions Lose Four Members of First String—Jayhawks Will Have Most of Squad Back—Nebraska Loses Three Stars

One of the closest conference basketball races in recent years came to an end March 5 when Missouri university defeated Kansas university 23 to 18 in a game played at Lawrence. The crowd attending was estimated at 4,200 persons, breaking the attendance record for the Lawrence auditorium established by the K. U. Aggie game this year.

Four of the five members of the first Missouri team will be lost through graduation this spring, in addition to Dick Morgan, a three-year veteran. Huhn, tall forward, will have another year.

Russell (Rub) Thomson, sharp shooting forward, is lost to the university team. Nebraska, which finished in third place, will lose Lewandowski and Witte, guards, and Grace, forward, but keep Maclay, center and high scorer of the conference, Fisher, forward, and Hokuf, guard.

Though the Kansas Aggie team finished in fifth place it was one of two in the conference to defeat Missouri, and the only team outside of Missouri and Kansas university to defeat Nebraska. Coach C. W. Corsaut's five lost to Iowa State by one point in the second game, to Nebraska by two points, and to K. U. by three and two points, the other two defeats being by respectable margins.

Ten men were voted letters for basketball competition by the athletic board, in session Tuesday.

Those winning awards were: Forwards—Ray Russell, Kansas City; Alex Nigro, Kansas City, Mo.; K. J. Silverwood, Ellsworth; Ralph Vohs, Parsons. Centers—A. H. Freeman, Hoxie; H. O. Cronkite, Belle Plaine. Guards—Captain Clem D. Richardson, Hugoton; Eldon Auker, Norcatur; Paul E. Fairbank, Topeka; George Wiggins, Lyons.

Russell, Silverwood, Freeman, and Richardson are all seniors. Nigro is a junior, and the other five letter men are sophomores. H. R. Weller and F. L. Schooley, other members of the squad, also will be back next year.

SELECT 29 KANSAS AGGIE GIRLS TO DANCE IN ANNUAL 'FRIVOL'

Women's Athletic Association Announces 1930 'Cast'

The following Kansas Aggie girls have been chosen to take part in various dances of "Frivol," annual entertainment sponsored by the Women's Athletic association of K. S. A. C.:

Anna Annan, Beloit; Frances Jones, Kansas City; Maxine Blankenship, Downs; Pattie Kimball, Manhattan; Johnnie Moore, Ashland; Fern Gaston, Wakefield; Juliana Amos, Manhattan; Mildred Purcell, Manhattan; Ruth Hill, Guthrie, Okla.; Pauline Samuel, Manhattan; Vera Smith, Manhattan; Alice Irwin, Manhattan; Eleanor Wright, Concordia; Hazel Johnston, Leonardville; Mary K. Chronister, Topeka; Ruth Stiles, Kansas City; Wilma Mills, Frankfort; Elsie Wahl, Cawker City; Vernita McClelland, Topeka; VerLee Hotz, Dodge City; Eldana Stewart, Eskridge; Charlotte Remick, Manhattan; Helen Swan, Topeka; Alice McClelland, Topeka; Marjorie Bradley, Topeka; Frances Jack, Russell; Joan Lytle, McPherson; and Leota Shields, Ramona.

Ringos Give Recital

Helen (Colburn) Ringo, '21, and Boyd R. Ringo, formerly of the music department at K. S. A. C. and now on the music faculty of the University of Tulsa, Tulsa, Okla., presented a two-piano concert March 4 in the auditorium of the university. According to the Tulsa (Okla.) News the Ringos' concerts are very popular.

Design New Currency

Members of the junior and senior classes in architectural design recently worked on a new design for United States currency. It was a sketch problem from the Beaux Arts Institute of Design, and was suggested by the recent Edison light jubilee.

THE KANSAS INDUSTRIALIST

Volume 56

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Number 23

BRANCH STATION MEN GET NEW BOOK LIST

SELECTED LITERATURE INCLUDES 18 VOLUMES

Variety of Contemporary Fiction and Philosophy Has Been Suggested by President F. D. Farrell and Other K. S. A. C. Faculty Members

A book list intended as a guide to some of the best and most thought provoking modern literature was given the branch experiment station workers attending the annual conference at the college March 7 and 8. The list is compiled annually from contributions of men and women representing various professions and vocations.

In years past Dean L. E. Call and Prof. H. H. Laude have composed the compilation committee. This year, in the absence of Professor Laude, Dr. John H. Parker worked with Dean Call in making up the list.

The recommended volumes, their authors, publishers, date, and price follow, together with brief comments by the faculty representatives who suggested them:

The Universe Around Us, by Sir James H. Jeans. Macmillan company, New York. (1929.) \$4.50. Tells in non-technical language of methods and results of astronomical research. Some attention given to structure of the universe. Author attempts to make an account of a scientific subject "intelligible to readers with no special scientific knowledge." Grace E. Derby.

Ends of the Earth, by Roy Chapman Andrews. G. P. Putnam's Sons. New York. (1929.) \$4.50. A delightful and very readable account of the life and work of a great naturalist-explorer; of dinosaur eggs in the Gobi desert, travel in Korea, Mongolia, etc. Committee.

INTRODUCTORY PHILOSOPHY

Mansions of Philosophy, by Will Durant. Simon and Schuster, New York. (1929.) \$5. A "sequel" to the Story of Philosophy. Makes the problems of philosophy intelligible and vitalizes them by contemporary application. You will especially enjoy the closing chapter on "The Quest of Happiness." Committee.

Education and the Good Life, by Bertrand Russell. Boni and Liveright. New York. (1926.) \$2.50. Of interest to all who are fortunate enough to be parents and unfortunate (?) enough to be teachers. Deals with education of character, sex education, and intellectual education from the school through the university. Committee.

Preface to Morals, by Walter Lippmann. Macmillan and company, New York. (1929.) \$2.50. Lippmann tries earnestly and sincerely to lay the groundwork for a morality and a religion suitable for an enlightened world. His book is certainly worth the consideration of every thoughtful man and woman. H. W. Davis.

The Human Mind, by Karl Menninger. A. A. Knopf, New York. (1930.) \$5. The author is a Kansan who has had a great deal of success in treating mentally ill people. In this book he tells about his experience and explains his methods so the layman can understand. It is a companion volume to The Human Body, by Logan Clendenning, also a Knopf book. C. E. Rogers.

HISTORY MADE FASCINATING

America, By Hendrik Van Loon. Boni and Liveright, New York. (1927.) \$5. This book is a history of America in one volume written in a fascinating manner primarily for readers who have a reasonably good knowledge of American history. This book is full of human interest and written in a delightful manner. L. E. Call.

John Brown's Body, by Steven Benet. Doubleday, Doran and company, Garden City, N. Y. (1927.) \$2.50. A poetic description of some of the dominant features of American culture as the latter found expression through the events culmi-

nating in the Civil war. F. D. Farrell.

Grandmother Brown's Hundred Years, 1827-1927, by Harriet Connor Brown. Little, Brown and company, Boston. (1929.) \$3. A fascinating biographical sketch of the life of a pioneer woman who shared the hardships of past generations in Ohio and Iowa. L. E. Call.

The Autobiography of an Idea, by Louis Sullivan. American Institute of Architects, Washington, D. C. (1924.) \$3. An intimate and interesting life story of a prominent American architect showing the development of an important idea in art and architecture. F. D. Farrell.

The Good Companions, by J. B. Priestley. Harper's, New York. (1929.) \$3.50. A fanciful English story of a joyous pilgrimage. F. D. Farrell.

BEST WAR BOOK

A Farewell to Arms, by Ernest Hemingway. Charles Scribner's Sons, New York. (1929.) \$2.50. The best war book, possibly the best fiction of the year. Hemingway writes in the vernacular of America, the ungrammatical vernacular, for he doesn't believe in grammar. It would be better to borrow the book first and after reading it to buy a copy. That was the way I did. C. E. Rogers.

Kristin Lavransdatter, The Bridal Wreath; The Mistress of Husaby; The Cross; by Sigrid Undset. (Noble Prize Ed.) A. A. Knopf, New York. (1929.) \$3. The author is the daughter of one of the best known archaeological scholars of Norway. She has developed a fine sense and knowledge of the Viking period and has given a comprehensive survey of Norwegian history in the 14th century in novels peopled with human beings more real, more modern than many a character of today. W. E. Grimes.

Laughing Boy, by Oliver La Farge. Houghton Mifflin company, Boston (1929.) \$2.50. Story of life and ideals of a young Navajo and his mate. A picture of Indian ceremonies and customs. As a social study it touches on the undesirable influence of the white man on the Indian. Presents the Indian's love of beauty and nature. Grace E. Derby.

ECONOMIC IMPROVEMENT

This Economic World and How It May Be Improved, by Thomas N. Carver. A. W. Shaw and company, New York. (1928.) \$4. A contribution to the solution of the problem that is immediately before us. A diagnosis and a program. J. E. Kammerer.

Too Many Farmers, by Wheeler McMillan. William Morrow and company, New York. (1929.) \$2. This book has stimulated a good many people to think and to write about the present economic condition of farmers. Some agree, some disagree with the author, who is editor of "Farm and Fireside." F. C. Fenton.

The Plant in Relation to Water; A Study of the Physiological Basis of Drought Resistance, by N. A. Maximov. (Translated by R. H. Yapp.) Macmillan company, New York. (1929.) \$6.50. One of several recent first-class technical publications from Soviet Russia. No one engaged in agronomic research in the Great Plains can afford not to read this English translation. M. C. Sewell.

The Day of the Cattleman, by Ernest Staples Osgood. University of Minnesota Press. (1929.) \$3.50. Describes the old west in a charming and realistic manner. C. W. McCampbell.

Control Bangs Disease

Kansas is losing nearly \$2,000,000 a year from the ravages of Bangs disease, according to J. W. Lumb, extension veterinarian, K. S. A. C. There are now proven measures for the control of this infection. At the present time some 30 herd owners have started to carry into effect the Kansas plan of control and eradication. Some of these herds have been known to be free from infection and eligible for certification.

NEED EXTRA BUILDINGS FOR TENTH OPEN HOUSE

ENGINEERS' BIG PARTY WILL BE FRIDAY AND SATURDAY

Exhibits Include Everything from Tin Can Motor to Baby Blimp—Curious May Explore Tunnel to Library

Use of various campus buildings to prevent overcrowding of Engineering hall is planned for the annual Engineers' open house next Friday and Saturday, according to Charles Brainard of Manhattan, manager. Guide-signs will direct visitors to the various exhibitions, which will be in the following buildings: engineering, farm machinery, power plant, barracks, Waters, library, chemistry annex No. 2, and Denison.

GLIDER ON EXHIBIT

The Glider club will have an exhibit of aircraft motors, instrument boards, aircraft design, and the glider that the club has been building this year. If the weather permits the glider may be demonstrated in a trial flight. A "baby blimp" model has been sent by the Goodyear company. It is a miniature of the small lighter than air craft that attended the air circus at Kansas City last year.

A Spad airplane, sent to the college by the federal government, will also be in the exhibit.

A small train will be commanded by the voice of a man several feet away. It will stop, go, go slow or fast, and do other maneuvers according to command.

On the first floor of the engineering building will be the exhibits of the electrical and civil engineers. Plans for the electrical exhibit include a telephone and telegraph exhibit, a tin can motor, railway car control, automobile ignition systems, electric spot welder, Jacob's ladder, electric forge, an ever-flowing wine bottle, and the cause of radio interference.

A MODEL HIGHWAY

The civil engineers plan to exhibit drawings and blueprints showing the character of the work done by the students, a display of field and office equipment including instruments of the past and present, an exhibit of photographs revealing conclusions reached by scientific research on highway sub-grades, and a unique model highway emphasizing the problems of the highway engineer.

A water power development also will be in operation. Films will be projected continuously on a screen.

The second floor of the engineering building will have displays of the department of flour milling and agricultural engineering, military science, the petroleum laboratory, an exhibit of airplane motors, and recent developments in aircraft. The basement will be devoted to the mechanical engineering and applied mechanics departments.

The new power plant will be opened to the public for the first time.

LIGHTS SHOW WAY

From the power plant exit may be made through the farm barracks or on a trip through the college tunnel system. The main connection tunnel from the power plant to the library will be accessible to the curious who wish to take an unusual trip to the library. Stairs have been provided at the entrances and a system of electric lights will keep the adventurers from wandering off into the many sub-tunnels.

The physics department will have an exhibit in Denison hall. The building will be open to the public the night of Saturday, March 22, only. Included in the many exhibits will be a "talking crystal," "speaking arc," roaring tubes, chimes, household electric appliances, iceless refrigerator, fluorescence, a new light-sensitive cell, curved mirrors, Cartesian diver, early weather records of the college, and radio apparatus, new and old.

The exhibit will not be opened Friday night in order that Doctor

Taylor of the General Electric company may complete his lecture and demonstration on "Audible Light and Visible Sound," which is a practical expression of the theory of television.

Agricultural engineering students will display plans of farm buildings, the latest in tractors, combines, and farm machinery, and farm electric lighting systems and water pressure apparatus.

An all-engineers' dance will be held in the gymnasium Saturday night, March 22, at which time the most popular senior engineer will be chosen. He will be named Saint Pat and presented with a signet ring bearing the crest of the engineering division.

SPONSORS PLAN FOR WHEAT BELT PROGRAM

Meet in Wichita Next Week to Survey Progress Made and Consider 1930 Outlook

Sponsors of the Kansas wheat belt program, now called the better farming program, are to meet in Wichita March 25 to report on the progress that has been made through four years in which the improvement work has been promoted. No small amount of time and attention of those present will be given to the 1930 program, plans for which are just taking form. Details of train tours through the wheat belt over the systems of the Santa Fe and Rock Island railroads will be worked out. Representatives of more than a dozen organizations which sponsor the better farming program will report on what their respective organizations have done to improve the quality of wheat and general agricultural conditions in the wheat belt.

Outlining the accomplishments of the wheat production program, President F. D. Farrell of the college will be one of the principal speakers. The wheat belt program of improvement has stressed five particular points—smut control, insect control, use of good seed, good soil improvement, and attention to marketing problems. Each of these five phases will be reported upon by a K. S. A. C. specialist.

MILLERS WILL MEET AT COLLEGE APRIL 26

Program Has Been Arranged by Dr. C. O. Swanson Who Expects Larger Attendance Than Last Year

The Association of Operative Millers will convene at the college Saturday, April 26, for the fifth annual spring meeting to be held here at the invitation of the college. The program will include reports on experiments in milling practices as conducted by the college, an inspection of the college experimental mill, a symposium on fumigation for insects, and a visit to the experimental wheat plots of the agronomy farm. As usual, periods for open discussion will be held and a luncheon will be served at the college cafeteria.

Millers of the southwest, comprising the states of Kansas, Nebraska, Oklahoma, Texas, and the Kansas City territory will make up the attendance. Nearly 600 millers attended the meeting here last year and, according to Dr. C. O. Swanson, head of the milling department, a larger attendance is expected this year.

SOUND TRUCK FOR PATHE NEWS DESIGNED BY LEON GARNETT

Aggie Engineering Graduate Now at Schenectady

A recent article in the Wichita Beacon told of the presence in Wichita of a Pathe "sound news" truck which was designed by Leon Garnett, '27, graduate in electrical engineering. Garnett attended Wichita university two years and then came to K. S. A. C. for his engineering work. For the past two years he has been working in the General Electric sound laboratories at Schenectady, N. Y.

APRIL 5 NAMED DATE OF 1930 SHEEP DAY

REED ANNOUNCES PROGRAM FOR ANNUAL EVENT

With Market Prices Low, College Will Emphasize Cutting Production Costs of Lamb Raising—300 Attended Last Year

Kansas farmers are being invited to the Kansas State Agricultural college at Manhattan Saturday, April 5, to attend the third annual sheep day sponsored by the department of animal husbandry. The program, arranged by Prof. H. E. Reed, follows the plan used in previous years. A morning session at the sheep barn will be made up of a series of demonstrations by Professor Reed, Thomas Dean, the college shepherd, and others.

FOR CHEAPER COSTS

The 1930 sheep day will emphasize cheaper production costs, Professor Reed said in announcing the program. This is in view of the slump in the sheep market. Following a luncheon at noon a meeting will be held in the college pavilion where every phase of the sheep industry will be discussed. The program will deal with lamb, first from the standpoint of the housewife, then from the standpoint of the packer and the market, and finally from the standpoint of the producer. The day's program will close with a demonstration in home slaughter and dressing of lamb. The morning program will be held at the pavilion instead of at the college sheep barn in case the weather is inclement. The detailed program follows:

MORNING SESSION

10 a. m.—The object of the 1930 Kansas sheep day, Dr. C. W. McCampbell, K. S. A. C.; a series of demonstrations emphasizing cheaper production costs, A. M. Paterson, Thomas Dean, C. E. Aubel, M. A. Alexander, C. G. Elling, H. E. Reed.

AFTERNOON SESSION

1 p. m.—Dean L. E. Call, presiding; Lamb—From the standpoint of the housewife, Mrs. E. W. Stuewe, Alma; Lamb—From the standpoint of the packer, R. M. Watkins, Swift and company, Kansas City, Mo.; Lamb—From the standpoint of the market, A. M. Paterson, Kansas City Stock Yards company; Lamb—From the standpoint of the producer, H. E. Reed, K. S. A. C.

2:30 p. m.—Home slaughter and dressing of lamb, D. L. Mackintosh, K. S. A. C.

Attendance at the sheep day program in 1928 was about 150, Professor Reed said. Last year 300 attended the one day program, indicating a renewed interest in sheep production. Now, with the market situation as it is, Reed believes many farmers will attend the third annual sheep day.

SUCCESS OF MARIONETTES ASSURES \$200 FELLOWSHIP

Woman Graduate Student To Be Aided By A. A. U. W.

One woman graduate student at K. S. A. C. next year will receive a \$200 fellowship as a result of the success of the marionette show which the American Association of University Women brought to Manhattan last Tuesday.

Mrs. C. O. Swanson, president of the local chapter, reports that sufficient funds were raised from the performance to cover the cost of the fellowship.

The only stipulation is that the holder must pursue her graduate studies at K. S. A. C. She may be a graduate of any other school.

Applications for the fellowship must be sent to Miss Stella Harriss, assistant professor of chemistry, by April 1.

Formerly the association awarded a scholarship to the junior girl with the highest scholastic standing, but because of the large number of undergraduate scholarships, it was decided to change the award to a fellowship for graduate work.

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R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, MARCH 19, 1930

IMMIGRANTS NEEDED?

The growing industrialism of America and its increasing requirement for skilled workers, together with the present employment situation, have brought demands for immigration restrictions that were hardly thought of a few years ago. Proposals by which immigrants would be selected in accordance with our need for their work in this country are suggested as means of solving the problem. There are bills in congress that have this as their motive.

It is difficult to determine the total number of Mexican immigrants because of illegal entries. Mexican totals some years have run from 60,000 to 90,000. Enforcement of present laws at the border is now holding the Mexican immigration to a low figure.

Representatives from the southwest, including farm and other organization officials, have testified that Mexican labor is needed at certain seasons in that area. Most of these have been favorable to reasonable restrictions, but have held that farm workers should be admitted as their services are needed. A policy of that nature, exercised under safeguards that would prevent abuses, would seem to be a promising solution of the question.

MUSIC

A small but warmly appreciative crowd appeared at the college auditorium Sunday afternoon to hear the final recital of the series given by the department of music. Not before during this season have the offerings of the recitalists been so uniformly popular with the audience, and not before has a program been so steadily delightful.

Lyle W. Downey, cellist, with Richard Jesson at the piano, played three groups. The first offered a striking contrast between the sombre, deliberate "Lamento" by Gabriel-Marie and the light, colorful "Mazurka" by Popper. Mr. Downey demonstrated his versatility by his intellectual interpretation of the "Lamento" and his facile rendition of the difficult "Mazurka."

For his second group Mr. Downey played two of his own compositions, "Reverie," and "Gavotte and Musette." The "Reverie" is more heavily thoughtful than most compositions of its type and, with its just a trifle less than conventionally-melodic phrases, is a bit exotic. The lighter "Gavotte and Musette" is more conventional and much more spirited, but its enthusiasm is always under restraint.

Doubtless Mr. Downey's most popular number of the afternoon was the "Tarantelle, Op. 33," by Popper. It calls for very rapid execution and dexterous bowing and Mr. Downey met both demands with good credit to his reputation as a soloist. Mr. Jesson's accompanying, marked for its sympathetic, unobtrusive support, reached its height in this closing number.

Miss Clarice Painter added to her considerable laurels as a recitalist by playing a program of unusual variety. Of her first group of three

numbers, the "Ballade, Op. 47," by Chopin, was best received. It is Chopin in a clutter of moods, piled high and scattered far. Miss Painter's responsiveness to the emotional shifts and her skill in interpreting them to her audience were delightful and amazing. One rarely finds such artistry and such understanding so pleasingly blended.

Upon her second appearance Miss Painter played "Viennese Dance, No. 2," by Friedman-Gartner; "The Lake at Evening," by Griffes; and "Minstrels" and "Prelude in A minor," by Debussy. It would be difficult to imagine a more striking group of numbers in the modern manner. The first is outstandingly delicate and pretty, the second is a study in atmosphere, and the third and fourth are—well, they are Debussy. Miss Painter did them all most pleasingly.

To Mr. William Lindquist, head of the department of music, and to the members of his staff, Manhattan music lovers owe a sincere and certainly a gracious vote of thanks for the recital season just closed. It has been good throughout—and unusually good. And it has been deeply appreciated—but by altogether too few people. —H. W. D.

SEX CRISIS IN SCOTLAND

By popular tradition the character of the Aberdonian is supposed to be as hard and impermeable as the granite of which his city is largely composed, but if this is true it can only be because the granite effect grows on him later. In youth he appears to be as vulnerable as a hermit crab before it has fortified itself with some other fish's cast-off shell. In an effort to carry a motion to limit the number of women students at Scottish universities the president of the Aberdeen Men's union drew a pathetic picture of himself as unable to concentrate on his classroom work "for the smell of powder and scent that drifted from the women in front of him," and his attitude was supported by another speaker from Aberdeen who said that the women students had a "detrimental influence" on the men.

There is a note of the true hermit about the last remark; the "detrimental influence" of the opposite sex is a theme that has been handled with striking effect by many restless eremites who have tried to resist the enemy by running away from her. But in everyday experience there is a good deal to be said for standing your ground; ordinary men and women, doing a day's work in a normal world, are not usually either ardent lovers or embittered antagonists. In any case there is no help for it. The ardent Aberdonians, as well as the haughty woman haters, will have to settle down to getting on with their work, and learn to regard even women undergraduates as part of the educational process that will ultimately fit them for a more accomplished contact with the wide, wide world. —From the Manchester Weekly Guardian.

FOREIGN JOURNALISM STUDY NEEDED

The problem of the function of the press in international relations is one of the fundamental problems of our times, and it cannot be maintained that our present attack is adequate. The danger of a situation in which the press of the various countries lives, and thinks in separate national compartments has been recognized by the Carnegie Endowment for International Peace, which has sent numerous newspaper proprietors abroad; while teachers of journalism, who are charged with the two important functions of forming the minds of thousands of young journalists and of studying and setting forth in a scholarly way the basic conditioning factors of journalistic conduct, have had no opportunities of the sort.

As a matter of fact, it is not trips that are needed, but travelling scholarships, giving opportunity for study abroad in units of about a year. The situation in Germany is particularly ripe for study of this kind. German scholars have a literature already in existence on the subject of journalism, that needs interpretation on the ground and working over into an international journalism. It is at present almost purely national. The English attack on journalism also is up to the present purely national, both in its point of view and in scope of information. There is urgent need of

histories and treatises that set forth adequately the influence of the journalism of one country on that of the others. It is already apparent that such work will be extremely productive; that it will lead to new understandings of human interdependence, and new interpretations of events. —Eric W. Allen, chairman, research council, American Association of Schools and Departments of Journalism.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

C. M. Haines, '12, was with the Fiola Arms and Equipment company of New Haven, Conn.

Frank C. Willson, '19, was an as-

delberg, Germany, an interesting volume of eulogies of the great physiologist, Prof. Wilhelm Bunsen, who had died recently.

Prof. Fredric A. Metcalf was on the program of the Kansas Elocutionary association meeting at Emporia. His subject is, "How Can Interest in Elocutionary Work be Fostered in Our Colleges and Universities?"

The following dairy school members received positions: H. E. Arnold, C. Bainer, O. F. Bolinger, J. H. Cheney, A. F. Fankhouser, O. W. Holt, Fred Leiser, S. N. Limbocker, J. C. Mannan, G. E. Merritt, C. C. Nichols, E. R. Parkman, R. C. Roach,

A Department of Art?

John Sloan in the New Freeman

For some reason or other France dominates the world in the matter of art. This seems an inescapable fact.

It is one that most American artists recognize and some resent. One thing is sure—it is not the fault of French artists. As a matter of fact their only position in the matter is decidedly worthy of honor. The chief reason, I believe, for the fact that the great work of the great French artists so surely is carried around the world is that the French nation is interested in art. Not that I will agree that the common people of France are more interested in art than the common people of any primarily materialistic and commercial nation can be; but the French government is interested in art, and France's commercial interests are interested in art. And let me state right here another indisputable fact; the American government is not interested in art and American commercial interests are not interested in art.

The government interest in art in France is evinced by the presence in the French ministry of a minister of art. The importance which is given to the products of the whole field of arts and crafts by this method has been demonstrated for at least a hundred years in France. I am not saying that good French art has been aided in any greater degree than the last bob on the tail of a kite is aided by the raising of the kite, because good art is the last bob on the tail of the government interest. Still, the raising of the kite does mean the raising of the tail. If general interest in art is increased, the interest in good art also increases.

Why should it be considered unessential to have a department devoted to the interests of those things which alone survive the ages and political upheavals, and leave records of civilization? We have a department of commerce; and if anybody thinks that government supervision of the shipment to foreign countries of shoes, sewing machines, food, and clothing is a more important function than government encouragement—however feeble and misdirected—of spiritual creative expression, I take exception to his idea of the practical.

Certainly a government department of art would have an immediate result in a greater general respect for the calling of the artist; so that he-men selling "undies" (by the gross of course) would no longer register scorn of and attempt to belittle the artist, whose profession has been until very recent times entirely in the hands of the male. Of course, there is already some respect for art among women's clubs, subscribers to art magazines, listeners at art-lectures, and visitors to picture-exhibitions. Under government sanction of art, this respect might become more general; it might even lead to familiarity; and familiarity with truth and beauty can not lead to contempt, although there is a quotation to the contrary.

sistant in agricultural bacteriology at the University of Wisconsin.

May L. Cowles, '12, was an instructor in home economics at the University of Wisconsin under Abbie L. Marlatt, '88.

TWENTY YEARS AGO

Assistant E. P. Johnson of the department of public speaking gave a talk on "International Peace and Its Progress" in the college auditorium.

The secretary of agriculture of the Transvaal, South Africa, ordered 50 bushels of college seed wheat for distribution among the wheat raisers of that country.

The following is an excerpt from a current issue of THE INDUSTRIALIST: "The winter term closes Friday, March 25, and the spring term begins Tuesday, March 29. Examinations for admission will be held at 9 a. m. Monday, March 28. Commencement this year will be on June 16."

THIRTY YEARS AGO

Professor Weida received from his alma mater, the University of Hel-

Mary Schultz, and J. H. Wolfensberger.

FORTY YEARS AGO

P. H. Fairchild, '86, took the degree M. D. at Bellevue Hospital Medical college of New York.

Scott Long, a freshman, withdrew from college to take a position in his father's store here.

J. B. Brown, '87, Fredonia, contributed an article to the Western School Journal on "Beginning History."

D. E. Bundy, '89, who had been teaching at Parallel, was to take a position as instructor in manual training at the government school for Indians at Ponca, I. T.

FIFTY YEARS AGO

W. H. Sikes and Frank Landon formed a partnership and went into the mercantile business at Garrison.

The horticultural department experimented with 21 kinds of tomatoes, 16 of onions, and from 12 to 20 kinds of squashes.

MORNING

Henry Polk Lowenstein

Gray dawn, mystical and chill
Shafts of light stabbing the sky
Behind curtains of red and amber.
The Earth in travail . . .
A luminous Eye of burnished gold
Peeps over the horizon
A new day is born.

SUNFLOWERS

H. W. D.

TRUTH WILL OUT

The knowledge that there is a planet in the heavens invisible to the naked eye is not so insignificant as it may seem at first consideration.

For years astronomers have been wondering what is the matter with Uranus. Uranus, you have undoubtedly noted, has always acted a trifle anaemic or undernourished or something—never getting anywhere quite on time. Twenty years or so ago astronomer Lowell became convinced that Uranus had an affair with some heavenly thing dark to us.

The period of revolution of Uranus is 84 years. He lives pretty well in the outskirts of our solar system, being some 1,800,000,000 miles from the heart of things. His diameter is 32,000 miles, the which might have been accepted as the cause of his habitual tardiness if the astronomers had only thought of it.

If astronomers were ordinary respectable human beings and did not stay out so much of nights, they would, of course, have taken into consideration the above facts with the unavoidable implications and have allowed Uranus a few extra minutes now and then.

But they are an exact and exacting set. They think almost wholly in terms of mathematics and get out of step with ordinary folk, who can't even keep a pass book balanced. To them 84 years is 84 years, and not 84 years and a week-end. And when one of their slaves doesn't punch the clock exactly on the second, they begin checking up on him.

So for the past two decades the boys out at Lowell observatory have been sleuthing Uranus. They knew that when he was a god he had had a lot of trouble with his children, the Titans, the Cyclops, the Furies, and a mess of other unworthies, and they remembered that his own son Cronus, instigated by his mother, Gaea, had attacked and dethroned him. But all this was mythology, and with mythology they have nothing whatsoever to do, except in name. They wouldn't even allow that such a past might slow a fellow up a bit. They trained their most powerful spy glasses on Uranus night after night for years and investigated every section of the outlying districts over which he roamed.

Now their patience has been rewarded. One of the more youthful investigators has found out what is the matter and has astronomical flashlight pictures to prove his charges. (Tabloids please note.) Uranus has been held back by another heavenly body. The hypothetical planet that Mr. Lowell projected has been found.

I implied in the beginning that the discovery is significant. It indicates that sooner or later everything is explained. It shows that figures don't always lie and that what you can't see might delay you anyhow. It proves that the mind of man is a bit more powerful than all his senses put together. It's a big boost for hypotheses, astronomical or not.

The next problem is a name for the little stranger in our solar family. The best thought of the astronomers is that we should stay in the classical or mythological field. Otherwise the women might want to name it Rudy Vallee.

My contention is that everything considered we can't do better than to call her Circe, and remain strictly mythological. It was on Circe's account that Odysseus kept Penelope waiting a whole year, you remember, he explaining that it took time to get his men changed back from swine to people, or something like.

As long as war is regarded as wicked it will always have its fascinations. When it is looked upon as vulgar, it will cease to be popular. —Wilde.

AMONG THE ALUMNI

Roderic Grubb, '29, is with the Coleman Lamp company at Wichita. H. L. Keil, '28, is at Iowa State college, Ames, Iowa, doing graduate work.

Walter R. Helm, '29, is employed by the Hercules Powder company at Bessemer, Ala.

Myron E. Johnson, '19, is district architect with the J. C. Penney company at Columbus, Ohio.

D. E. Bellairs, '28, is instructor of vocational agriculture in the public school at Chilhowee, Mo.

Jean Alexander, M. S. '29, is on the faculty of the Oklahoma City university, Oklahoma City, Okla.

H. H. Brown, '28, is instructor of vocational agriculture in the public schools at Washington, Kan.

G. W. McCracken, '19, is distribution engineer for the Birmingham Electric company, Birmingham, Ala.

Florence Harris, '25 and '29, is director of the cafeteria at the Grover Cleveland junior high school, Tulsa, Okla.

Fred H. Dodge, '21, will assume his duties as county agricultural agent of Ness county with headquarters at Ness City April 1.

A. G. Philips, '07, holds the position of general sales manager of the Allied Mills company with headquarters in Chicago, Ill. Philips writes: "To any and all of my K. S. A. C. friends who may come to Chicago, I invite them to call me or make me a visit at their pleasure."

MARRIAGES

RUNDLE—NELSON

Gerna M. Rundle, f. s., and Dr. Floyd A. Nelson were married March 11 at the home of the bride's parents in Clay Center. They will be at home after April 1 in Clay Center.

STRONG—TRUE

Announcement has been made of the marriage of Vera Strong, f. s., and J. Frederick True, Jr., '29, which took place in Wichita February 16. They will be at home on a farm near Perry.

SINCLAIR—PALMER

Mildred Sinclair, '29, Macksville, and Fred Palmer, f. s., Wichita, were married at the home of the bride's parents November 15. They are at home in Wichita where Mr. Palmer operates an oil station.

SMITH—FATZER

The marriage of Alva Smith, f. s., and Edwin Fatzer, both of Fellsburg, took place January 5 at the home of the bride's parents. They will make their home at Fellsburg, where Mr. Fatzer is cashier of a bank.

DUCKWALL—WILSON

The marriage of Vesta Duckwall, '28, of Great Bend, and Francis L. Wilson, '28, of Salina, took place March 2 at the home of the bride. They will make their home in Salina, where Mr. Wilson is associated with the Public Utility Investment company.

HENLEY—VAUPEL

Grace Henley and Clifford Vaupel, f. s., were married October 19, 1929, at the home of the bride's parents in Eureka. Mr. and Mrs. Vaupel are at home in Chickasha, Okla., where Mr. Vaupel has charge of the chemists' laboratory of the Chickasha Milling company.

RUSSELL—PRICE

The marriage of Bernice Russell, f. s., and Howard Price took place March 10 at the First Methodist church in Salina. After an extended motor trip to California, Mr. and Mrs. Price will be at home in Salina where Mr. Price is associated with his brothers in the J. C. Price grocery.

DEATHS

JOHNSON

Dr. Fred E. Johnson, '99, and a graduate of the Kansas City Veterinary college in '04, died February 19 at Lincoln, Neb. He was employed by the state veterinary department at Lincoln at the time of his death. Burial was at Lincoln.

HAWKINS

R. H. Hawkins, who died at his

home in Marysville February 13, is survived by these sons and daughters: Ralph S. Hawkins, '14, Tucson, Ariz.; Floyd Hawkins, '20, Y. M. C. A., Chicago, Ill.; Stella (Hawkins) Gallup, '09, Kansas City, Mo.; Grace (Hawkins) Hill, f. s., Kansas City, Mo.; and Alice (Hawkins) Hammett, f. s., Manhattan.

BIRTHS

Rushton G. Cortelyou, '27, and Margaret (Manley) Cortelyou, f. s., of Tampa, Fla., announce the birth of a daughter, Helen Robina, March 15.

Dr. James F. Adey, '23, and Cora (Barkley) Adey, of Topeka, are the parents of a daughter born March 10 to whom they have given the name Janet Kathleen.

AGGIE LIVESTOCK MEN HOLD YEARLY MEETING

K. S. A. C. Section of State Association Has Luncheon Session in Topeka—Elected New Officers

The K. S. A. C. section of the Kansas Livestock association, made up of former students of the Kansas State Agricultural college, had a luncheon session Thursday, March 13, in the Florentine room of the Jayhawk hotel in Topeka. The purpose of this organization is to promote the best interests of the Kansas Livestock association and to develop a better acquaintance of former Aggies now engaged in some phase of the livestock industry.

A short program followed the luncheon. President Donaldson introduced Dr. C. W. McCampbell who acted as toastmaster. Three minute talks were given by H. W. Avery, George A. Potter, Ed Hodgson, Warner Adams, Wayne Rogler, E. D. Tompson, and Max Beeler. Officers elected are George Donaldson, Greensburg, a student at K. S. A. C. in the late sixties, president; Harry White, f. s. '04, Council Grove, vice-president; and Clarence Chase, '26, Junction City, secretary and treasurer.

Others present were:

Charles M. Baird, Arkansas City; E. H. Hodgson, Little River; L. C. Williams, Manhattan; A. I. Gilkeson, Lawrence; M. N. Beeler, Topeka; J. J. Moxley, Manhattan; W. H. Atzenweiller, Hiawatha; W. M. Beldon, Horton; Wayne Rogler, Matfield Green; George Montgomery, Manhattan; H. E. Moody, Topeka; H. P. Powers, Junction City; B. F. Price, Reading; D. Z. McCormick, Council Grove; S. U. Case, Oskaloosa; Fred Dagg, Auburn; C. R. Jaccard, Manhattan; E. D. Sampson, Quinter; Dave Gray, Topeka; H. M. Bainer, Kansas City.

Harry Umberger, Manhattan; Paul Gwin, Junction City; Byron Brooks, Garrison; Clinton K. Tomson, Wakarusa; W. P. Glunt, Garrison; J. L. Kelly, Corbin; W. C. Meldrum, Cedar Vale; L. A. Williams, Sylvan Grove; J. W. Goodwin, Effingham; Earl Means, Everest; Warner Adams, Maplehill; Homer Henney, Manhattan; M. L. Otto, Riley; H. W. Avery, Wakefield; G. P. Potter, Peabody; Chain Robison, Wichita; Malcolm Aye, Manhattan; C. W. McCampbell, Manhattan.

New College Record

Milton Ehrlich, Marion, continued his habit of breaking the college indoor high jump record when he raised it to 6 feet 1 5-8 inches at the Illinois indoor relays at Urbana last Saturday night. Ehrlich tied for fourth place in the meet. The previous college record was 6 feet 3-4 inch, set by Ehrlich this year. The Aggie four mile relay team took fourth in its event. Penn, the winner, broke the carnival record.

Improve Standard Breeds

The object of the poultry improvement program now in operation in Kansas is to improve standard bred poultry, according to M. A. Seaton, extension poultryman, K. S. A. C. The program is divided into four branches—state accredited flocks, state certified flocks, hatchery accredited work, and record of performance flocks.

Knights Good Runners

The Aggie Knights, until recently known as the Black Shirt club, easily won the annual college intramural indoor track meet recently.

HIGH SCHOOL PAPERS IN ANNUAL CONTEST

THREE AWARDS OFFERED IN EACH EIGHT CLASSES

New Grouping Created for Schools in Cities of the First Class—Awards To Be Made by K. S. A. C. Journalism Department

Kansas high schools will receive this week an announcement of the annual state high school newspaper contest, conducted by the K. S. A. C. department of industrial journalism.

A change has been made in the classification, so that high school newspapers in cities of the first class have been included in class one of the contest, which formerly included only the high schools of Wichita, Topeka, and Kansas City. The other classes are substantially the same as in the past, according to Prof. C. E. Rogers, head of the journalism department.

EIGHT CLASSES

Classes of the contest are as follows:

Class One—Newspapers published by high schools in cities of the first class—(Atchison, Coffeyville, Fort Scott, Hutchinson, Kansas City, Leavenworth, Parsons, Pittsburg, Salina, Topeka, Wichita).

Class Two—Newspapers in high schools of 301 to 542 enrolment.

Class Three—Newspapers in high schools of 101 to 300 enrolment.

Class Four—Newspapers in high schools of 100 enrolment or less.

Class Five—Newspapers in junior high schools of any size.

Class Six—Magazines published by high schools of any size.

Class Seven—Newspapers printed by students of the high school.

Class Eight—High school departments in town or city newspapers.

Awards in the first five classes will be based on the following points: quality, quantity, variety, and effective writing of news; copy reading, headline writing, and general make-up; feature writing; the editorial page; departmental or column enterprise.

Magazines will be judged from the point of view of interest and literary quality.

PRINTING THE BASIS

The class for newspapers printed in high school shops will be judged solely on the basis of good printing. All entrants in that class may, of course, be entered in one of the others.

High school departments in local newspapers will be judged on the basis of amount of news, its variety

and organization, and the regularity of appearance of the high school department in the newspaper.

In all classes consideration will be given to the proportion of work performed by the student. Three certificates and ribbons will be awarded in each class.

Entries for the contest must be submitted by April 12.

Copies of the entry blank may be obtained from the K. S. A. C. department of industrial journalism.

FOUR ONE-ACT PLAYS IN LIT COMPETITION

Various Societies Select, Cast, and Direct Own Productions for Contest—Prize of \$15 to Winner

A prize of \$15 will be awarded to the literary societies presenting the best one-act play at the intersociety play contest in the college auditorium March 29.

According to W. J. Sweet, manager of the contest, the play cast will be selected from members of the societies presenting the play and no outside help in directing may be used.

Before the organization of the Manhattan Theatre three years ago, all the literary societies on the hill worked together to present one play. Since then the contest has been substituted for the one play.

Plays will be presented by Hamilton and Ionian, Browning and Athenian, Webster and Eurodelphian, Franklin and Alpha Beta societies, two societies working on each play.

Three judges will be chosen by the committee to determine the winning play.

Represents Washburn 'Laws'

Lloyd Miller, a student at K. S. A. C. in 1926 and now a senior at Washburn college, Topeka, will give an oration as representative of the law school on the commencement program of the Topeka college June 3. Miller is one of four seniors chosen to represent the various schools of the institution on the commencement program.

To Eliminate Pop Bugs

Do pop bugs get in your house, on the front porch, or some place else where they are annoying? If so, take a tip from the entomology department of the Kansas State Agricultural college. To rid yourself of them sprinkle hydrogen cyanide wherever the bugs congregate. Practically as good results can be secured by pouring boiling water over them.

Couple Braves Winter Cold and Isolation To Investigate Proposed Observatory Site

Howling winds and the weird sounds made by cold and lonesome birds and animals served to break the solitude in which Homer T. Hutchison, f. s., and Halene (Norton) Hutchison lived during the winter months. During a three months' period they have kept vigil as observers in a small astronomical station on the top of Pleasant View ridge in the San Gabriel mountains in California, to make observations which may result in the location of a 200 inch telescope to be built by the California Institute of Technology.

The institute is testing a number of locations for the proposed telescope, and in order to obtain data on the Pleasant View ridge site Mr. and Mrs. Hutchison agreed to spend the winter in a lonely cabin there, behind the barrier of deep snow in the mountains.

One night some time ago, according to the Los Angeles Times, Hutchison told of his work in a radio-telephone conversation from his cabin.

"We had our first taste of winter here the fourth of January," Hutchison said over the radiophone. "About midnight a howling storm blew up, and although we did not have any snow, we have a very heavy coat of ice over the trees and ground from a sleet storm. The temperature is about 20 degrees above zero and there is a 40 mile wind blowing. I am glad I was able to get a good supply of firewood stored by the cabin to last us through."

"I have rigged up a number of windmills and connected them with the generator for my radiophone set and use the wind to save gasoline."

"Then I have to make observations through the night and keep a record of the temperature, rainfall, etc. We have the regular equipment of a United States weather bureau office here, in addition to a small telescope."

With plenty of mechanical work, observations and records to keep, coupled with the tasks of cutting wood and melting ice and snow for water, Hutchison said he was fairly busy, but for Mrs. Hutchison, he declared, the stay required a degree of bravery.

"I love it," she said enthusiastically. "I am just as much interested in Homer's work as he is and then I keep busy with the cooking and the cabin. I have put up some curtains and done a little painting inside, and it is a cozy little home now."

"We get a great deal of pleasure out of the radio. With our little short wave set we can talk with radio amateurs all over the Pacific coast and through the middle west."

"In the daytime we see a lot of bluejays, woodpeckers, wild pigeons and the funny little chipmunks. At night, though, there are a lot of queer noises. My husband has seen several wildcats and has found the tracks of mountain lions and hopes to kill a lion before we leave in the spring. He went out the other night and banged away at something but didn't hit it, so we don't know what it was. There are lots of deer up here."

"I am learning to be a good cook, so my husband says, and he swears by my pumpkin pies."

Homer T. Hutchison studied civil engineering at K. S. A. C. in 1923 and 1924.

RECENT HAPPENINGS ON THE HILL

The K. S. A. C. men's rifle team lost to North Dakota State college, in a recent telegraphic meet, by 48 points.

The Hamilton literary society entertained the Ionian literary society with a banquet at the Country club last Friday evening.

Prof. R. W. Conover of the department of English went to Lawrence last Friday to give an exchange lecture on Eugene O'Neill and his work.

Reports of the 34 Greek letter organizations at K. S. A. C. show that 279 new members have been initiated since the beginning of the second semester.

Y. W. C. A. entertained from 3:30 to 5 o'clock last Friday afternoon with a tea in honor of Miss Margaret Reed, of London, who was one of the World Forum speakers.

The K. S. A. C. women's debate team, composed of Gladys Schafer, Del Norte, Colo., and Helen Mangelsdorf, Atchison, was defeated by the Wichita university women's debate team in recreation center last Friday evening.

More than 1,700 grade school children attended the matinee performance, "The Adventures of Huckleberry Finn," of the Jean Gros marionette show, which was brought to K. S. A. C. by the A. A. U. W. last week.

The K. S. A. C. chapter of Sigma Delta Chi, professional journalistic fraternity for men, held pledge services March 4 for Kermit Silverwood, Ellsworth; James Howard, Douglass; Q. V. Brewer, and Fred Seaton, both of Manhattan.

Joe Fickel, Chanute, and C. H. Errington, Ruleton, winners of Big Six championships in their respective classes, will be sent to the national wrestling tournament at Penn State March 28 and 29. Coach B. R. Patterson will accompany them.

APPRECIATION OF SCIENCE DEPENDS ON UNDERSTANDING

Neither Miracles Nor Tricks in Research, Howe Says

That the scarcity of technically trained men makes the scientist comparatively unappreciated, was one of the points made by Dr. Harrison E. Howe, editor of the magazine, Industrial and Engineering Chemistry, in a talk before the science club and the local section of the American Chemical society Monday night.

One of two extreme views is taken by many people, Doctor Howe said. One view is the expectation that scientists can do anything, and the other that there is something mysterious and perhaps humorous about scientific investigation.

"Science will have the entire support of the people when they understand what it is doing," he said.

Doctor Howe restated an old adage, saying that "research, not necessity, is the mother of invention."

"Very few inventions are made to order," he commented. "The discoveries of tomorrow may be foretold by the research that is going on today."

"There is a time coming when the people of the country may be divided into two classes—the skilled laborer, and those whose labor is so cheap that it is not economical to make a machine to do the work."

The problem of the future will be the problem of what to do with leisure, Howe believes.

Examples of recent research work on rubber, metals, synthetic resin, and cellulose were given. "The plan of certain English interests to monopolize the rubber industry was stopped by American rubber plantations and by invention," Doctor Howe said. "Edison's dandelions, sunflowers, and goldenrod have not produced anything of commercial value."

Doctor Howe is the author of The New Stone Age, Profitable Science in Industry, Chemistry in the World's Work, and Chemistry in the Home. He also is the editor of a two-volume work on chemistry in industry.

McKELVIE TELLS HOW TO CONTROL SURPLUS

OUTLINES PLANS OF FEDERAL FARM BOARD

First Problem Is One of Overproduction—New Outlets, Adjustment, and Stabilization Corporation May Help, Too

How the federal farm board plans to prevent and control surpluses of agricultural commodities was outlined as a part of the speech of Samuel R. McKelvie before farmers who attended the third annual cooperative marketing school at the college recently. McKelvie, who is a former governor of Nebraska and grain member of the farm board, has traveled back and forth across the country many times during recent months and has a thorough knowledge of the grain man's problem.

Four particular ways in which the surplus will be dealt with are as follows: (1) by avoiding production of surplus, (2) through adjustment by farmers who are engaged in a branch of the industry to which they are not suited, (3) by finding new uses for farm products, and (4) through the operation of a stabilization corporation, the purpose of which is to take at least a part of the surplus temporarily off the market.

WOULD PREVENT SURPLUS

"You will note the law places the word 'prevent' ahead of the word 'control,'" McKelvie said. "It recognizes that the way to handle a surplus is to avoid it, if it is possible. Farmers have not been ignorant of the necessity for doing that. They have used the best information available in respect to their planting. See the statistics for 25 or 30 years with reference to wheat and cotton, and you will find that the acreage each year, aside from the abnormal war years, has been determined almost entirely by the price of the commodity the year before. It is the principal thing they have had to go by. The federal farm board will place before farmers information regarding probable production and consumption of the various commodities and we believe they gradually will adjust their planting to those exact facts."

"If this is not the result, it will be just too bad for the farmer, for there is no law of chance or state that will save him from persistent and deliberate overproduction. When farmers realize that 650,000,000 bushels of wheat will sell for as much as 850,000,000 bushels in this county, we believe they will hear the farm board's suggestion for a 10 per cent decrease in acreage."

"We are going to adapt ourselves to the thing that we can do best," the Nebraskan said after introducing the adjustment problem. "What is more logical? What, if you please, is more patriotic than that? For we, as owners of the land, are custodians of the land and hold the very destiny of the nation in our hand. It, therefore, devolves upon us to so manage the land that society in the use of foods may be served in the most effective and economical manner."

DRAWN FACTORY ANALOGY

"It has been the disposition of those who have talked upon this question to say, 'Well, among all the people, there is one class which has nothing to say about the prices of its product. Let's compare ourselves with the manufacturer. Here is a manufacturer and here is a dealer. They fix the price on what they sell. The reason they can fix the price is because they can shut down the factory whenever they want to.'

"Yes, that is how it could be done, but it isn't the way it is done. That is not the course that American industry has pursued in making itself great. The owner of a factory observes his men. Skilled men with dependents, men just as human as you and I, and these men work at machines, highly developed machines, very expensive machines. Those machines and that factory carry their taxes year in and year out, whether that factory is operating or not. Observing that condition the factory manager does not sit complacently and say 'I should worry; I can close down my factory.' Instead, he says, 'The way to save my men and myself is to keep this factory going just as long as I can find new uses and new markets for my product.' As a result of that initiative, that determination, that well organized salesmanship, American industry has sold its

products throughout this country and the world.

"I can visualize the time, and not so far away, when there will stand along the side of the farmer the scientist, who will assist in finding new uses for his products and next will be the salesman; there will be advertising that goes to find new markets for American agricultural products in this country and foreign countries. Much of this effort to find new outlets for agricultural products can be spent profitably in our own country," McKelvie added.

"There is one other means by which we are to meet this surplus situation—the stabilization corporation," McKelvie concluded. "It is provided in the agricultural marketing act that the federal farm board shall declare commodities, and the commodities having been declared the board may then call upon the co-operatives dealing in that commodity to select an advisory committee. That was done with respect to wheat. The federal farm board called upon the Farmers National Grain corporation, which represents that commodity, to select an advisory committee. That committee was selected, recommended to the farm board, and approved."

STABILIZATION—NOT SUBSIDY

"Shortly after the advisory committee was selected it was called to meet with the federal farm board. Among other things in their report they recommended that a stabilization corporation be set up. The stabilization corporation was set up and is doing business in Chicago. That is about as far as I can go except to say how it is supposed to operate. The purpose is to take at least a part of the surplus temporarily off the market. It is then marketed to the best advantage."

"If the stabilization corporation makes a profit, that profit shall go to its members, the members being only cooperative societies; if it sustains a loss, the loss shall be borne temporarily by the government until another stabilization operation is undertaken and a profit is made. You say that is pretty soft. A sort of heads I win, tails you lose. But it isn't just exactly that easy because the law says in this act that the stabilization operation shall not be deliberately founded upon a loss, but shall be undertaken as a sound business enterprise. We, as farmers, agreed to that long before this act was passed, because we said we wanted no subsidy; all we wanted was an opportunity to work out our problem. This is a part of the scheme for working it out. This is the first stabilization corporation to be put up under the agricultural marketing act, and we will know more about its operations as time goes on. It is an emergency measure, not intended to operate throughout the marketing year. The large scale cooperative, the sales agency, is designed to carry on the orderly merchandising of grain."

"That covers the story. There are those who say it is revolutionary and socialistic, and that the government is in business. I think those comments are born of undue alarm. Some others say it does not go far enough. I have traveled across this country from Washington to the Pacific coast and southwest into Kansas and Oklahoma, and west into Utah and Idaho. I have addressed no less than 50 meetings since January 1. Everywhere the halls have been crowded. They did not come to see me. They came to hear about the agricultural marketing act, and I should say there is almost unanimous support among farmers in their desire to give this new charter for agriculture success. They are agreed that it is entitled to a fair trial."

Final Standings

BASKETBALL

	W.	L.	Pct.
Missouri	8	2	.800
Kansas U.	7	3	.700
Nebraska	6	4	.600
Iowa State	5	5	.500
K-aggies	4	6	.400
Oklahoma	0	10	.000

WRESTLING

	W.	L.	Pct.
Oklahoma	5	0	1.000
Iowa State	3	2	.600
Nebraska	3	2	.600
K-aggies	2	3	.400
Missouri	2	3	.400
Kansas U.	0	5	.000

Tests indicate that corn gluten meal alone is not a satisfactory supplement to corn for fattening pigs in a dry lot.

AGGIE DIAMOND SQUAD ROUNDING INTO SHAPE

CAPTAIN LOYLE M. NASH ONLY 'CASUALTY' THUS FAR

Loss of Towler Starts Scrap for First—Evans Moves to Second and Prentup to Short—Price Likely Outfielder

Two weeks of sunshine have allowed Coach C. W. Corsaut to get his Kansas Aggie baseball squad into the semblance of a team, though activities were brought almost to a standstill by cool weather and showers the first of this week.

Indications are that the fielding of the team will be about the same or slightly better as a whole than last year, and the hitting should show a decided improvement if the new men can keep up the clip during the season that they have set in the practice games.

Captain L. M. Nash, third baseman, has been on the sidelines for a week after injuring his left elbow in practice, but will be able to play again soon. H. T. Hyde, Wichita sophomore, has been working third in Nash's absence.

TOWLER LEAVES SCHOOL

Loss of W. H. Towler, Topeka, two letter man and last year first baseman, has precipitated a scrap among the sophomores for the post. W. R. Peterson, Topeka, and Tom Petty, Manhattan, are the leading candidates. Peterson has a slight edge because of his superior batting, though Petty's work in the field is perhaps more satisfactory. Towler, who was married at the start of the second semester, recently left school.

Marion Evans, veteran, has been shifted from shortstop to second base and Frank Prentup, Fort Riley, sophomore, is fielding and hitting well at short. Whether Wallace Forsberg, Lindsborg, second baseman last year, will stay out for track during the outdoor season or report for baseball remains to be seen.

In the outfield Alex Nigro, letter man, has been shifted to the right field position occupied last year by Captain Kirk Ward.

R. H. McCollum, El Dorado, two letter man, probably will stay in left field, leaving center field to be filled

by a new man. Delmas Price, Wakefield, is the most likely candidate. Other outfielders who may letter include L. C. Fiser, Mahaska; R. B. Smith, Herington; and R. H. Bell, Beverly.

PITCHERS IN SHAPE

The pitching staff is in good shape for this stage of the season. Freeman, Barre, and Doyle, the letter men, will have plenty of competition from Auker, Platt, Reber, Jackson, and others. Among the freshman pitching prospects the two Lang brothers, Robert and Roger, are outstanding. The Langs are from Denver, Colo.

Members of the squad are as follows:

Pitchers—T. E. Doyle, Manhattan; A. V. Jackson, Lenora; A. H. Freeman, Hoxie; Elden Auker, Norcatur; Tad Platt, Manhattan; Henry J. Barre, Ramona; Donald Reber, Manhattan.

Infielders—E. L. Grafel, Herndon; Z. W. Johnson, Beeler; Henry H. Knouft, Holton; Thomas Petty, Manhattan; Robert B. Heckert, Independence; Frank Prentup, Junction City; Harold T. Hyde, Wichita; W. R. Peterson, Topeka; William R. Chalmers, Burlington; Loyle M. Nash, Long Island; W. L. Jones, Perry, Mo.; Loyd E. Boley, Topeka; Marion Evans, Gove; W. J. Justice, Olathe; Wallace Forsberg, Lindsborg.

Catchers—W. H. Meissinger, Abilene; Harold Nellans, Potwin; Elbert Smith, Russell; Jerry Wilson, Ashland.

Outfielders—Delmas Price, Wakefield; L. C. Fiser, Mahaska; Melvin Hodgson, Hutchinson; Roy B. Smith, Herington; Glen Patton, Ionia; Ernest J. Underwood, Topeka; Robert M. McCollum, El Dorado; W. C. Hinkle, Lenora; R. H. Bell, Beverly; Alex Nigro, Kansas City, Mo.

WINIFRED JEAN BAYER, 11, HELPS SAVE HOME FROM FIRE

Small Girl Forms Big Link in 'Bucket Chain'

Winifred Jean, 11 year old daughter of Henry B. and Wilma (Burtis) Bayer, both '16 graduates of K. S. A. C., played a heroic role in saving the Bayer home four miles southwest of Manhattan from being burned Sunday evening, March 2.

A roof fire was discovered just as the children were going to bed. Fortunately, a supply of water was nearby and with the aid of neighbors and passersby, buckets of water were relayed to the roof. Winifred Jean was placed on a frail porch that would not bear the weight of a man, where she passed the buckets of water up to the men on the roof of the house. The Bayers have four children.

PROGRESS OF KANSAS PRESS

F. E. C.

The Clay Center Dispatch-Republican, published for the last 20 years by F. W. Parrott, was sold March 1 to Ray Breitweiser, a Mitchell county newspaper man. Breitweiser will continue the Dispatch-Republican as a daily. His experience as publisher of the Glen Elder Sentinel, the Cawker City Ledger, and the Tipton Times indicates success in his new venture in the Clay county seat.

B. P. Weeks, publisher of the Marshall County News at Marysville, is installing another Intertype this month.

Editor R. E. Campbell of the Geuda Springs News is leading a movement to establish a radio broadcasting station at Geuda Springs. He recently has been in Washington, D. C., presenting the proposition to the federal radio commission.

A six section souvenir number of the Dodge City Globe appeared recently during the annual implement show in Dodge City. The tractor section was the principal feature of the paper and around it most of the advertising was centered. It reflected further credit upon Jess C. Denious, editor.

All Kansas mourns this week the death of George W. Marble at Fort Scott last Saturday. Because he was one of the most able and forward looking editors that Kansas has had, his death is a distinct loss to the state. He knew every phase of country newspaper making, for he started in a newspaper office in Fort Scott as office boy and devil. The progress of Fort Scott and Bourbon county is wrapped up in the life story of George W. Marble. He purchased in 1894 a controlling interest in the Fort Scott Tribune and was continuously in charge of the paper almost until his death. He died in a hospital in Fort Scott, the direct cause of his death being pernicious anemia which, with other complications, followed an operation for appendicitis

on last December 28. He was a former president of several state or interstate press organizations, including the National Editorial association. He was 59 years old.

Under the heading of "Civic Directory," the Cherryvale Republican prints a list of officers of women's clubs and community and patriotic organizations of Cherryvale. The time of regular meeting and other information is a part of the directory. In a recent issue the directory occupied about a column and a half of space. It could be and probably is published occasionally, with only slight changes as they occur in the office personnel of the clubs. W. R. Burge, editor, could tell other Kansas editors whether the directory seems worthwhile or not.

If, in lieu of traveling yourself, you want to read travel notes get a copy of Ewing Herbert's Hiawatha Daily World under date of March 13 and read some of his notes on a recent overland trip to Florida and back. The notes are all interesting as told in the Ewing Herbert style, but here are a few lines which should be of particular worth to other Kansas editors and publishers:

I can't say that I like long auto trips, but I make them because of their value. An auto trip is educational. Anyone can learn much by visiting different sections of the U. S. by auto. . . . Going down to Florida we were saps, stood for many overcharges. Coming back we have made the route for half what it cost us going down. We live to learn. To travel is expression. To stick at home is repression. I mean to make my next trip through the southwest. I have only had four long sightseeing trips in 17 years, but from now on, as long as I live, I intend to take long auto trips to different sections of U. S. whenever I can afford the cost, can spare the time necessary for a long jaunt. About all I know is what I've seen, heard, read. When I stay at home too close I become stale. To get away, see what is being done elsewhere, is well worth all the cost. We shall not live always. Some day we will all take the long journey from which no traveler returns.

It seems Ewing Herbert's theory is one the town editor ought to put into practice. He must not become "stale."

NIGRO NEW CAPTAIN OF BASKETBALL TEAM

FOOTBALL LEADER ALSO CHOSEN TO HEAD COURT SQUAD

Kansas City Athlete and Three Sport Letter Men Chosen for First Dual Major Sport Captaincy in a Decade

Alex Nigro, junior in commerce and three sport letter man, was chosen for his second major sport captaincy by the Kansas Aggie basketball squad at its banquet last Tuesday night.

Nigro previously had been elected captain of the football team for 1930, and his team mates of the court seconded the opinion of those of the gridiron by electing him their leader for 1930-31.

So far as could be learned Nigro's dual captaincy was the first in major sports for an Aggie player since 1919, when Johnny Clarke led three K. S. A. C. teams. Nigro is a half-back in football, a forward in basketball, and a hard hitting fielder with a fine throw home in baseball.

At Manual Training high school, Kansas City, Mo., Nigro was an all around athlete.

After the election Coach C. W. Corsaut expressed his satisfaction at the squad's choice. Both Nigro and Corsaut talked of prospects for next year, and their remarks were tinged with optimism.

The banquet was given the squad by the local Kiwanis club.

ENGLISH ART LEADERS IN ETCHING EXHIBITION

Thirty Prints from Roullier Galleries Include Work of Many Noted Men

Typically English in subject matter and handling, and especially notable for the high quality of the craftsmanship involved, an exhibition of 30 etchings by 25 of the leading English artists is on display this week and next in the galleries of the architecture department, on the third floor of the engineering building. The exhibition is in decided contrast to the water color show which preceded it, and should make a strong appeal to those who prefer this art in more conservative forms, according to John F. Helm, Jr., of the architecture department.

Many very important artists are represented.

One of the most outstanding is Frank Brangwyn, famous the world over as one of England's leading artists, and incidentally the creator of several murals in America, including those in the new state capitol building at Jefferson City, Mo. His work is beautifully composed and powerfully executed. A typical etching is included in the exhibit.

Sir Seymour Hadley, 1818-1910, one of the great masters of etching and a contemporary of James M. Whistler, is represented by an English landscape. Originally a surgeon, Hadley took up etching during an illness and was very successful with it, having a great influence on landscape etching.

One of the few American scenes included in the show is a Hudson river etching by C. R. W. Nevinson, a great explorer in art and one of the best of English artists. Nevinson has worked in London, Paris, and New York, producing interesting experiments in pictorial urban psychology. His New York etchings are done with a fine sense of light and space.

Another New York scene is "Battery Place," by Walcot, one of the greatest of architectural etchers.

An especial appeal to the layman as well as the connoisseur is made by William Robins, who is not only an etcher of note but the author of one of the most lucid and exhaustive books on the subject.

One of the best known younger members of the group is Job Nixon, who has done a great deal of his best work in Italy. Nixon was born in 1891.

A fine hunting scene is contributed to the show by Wilkinson, one of the great etchers of game birds and hunts.

Other well known artists represented are C. F. Tunnicliffe, Martin Hardie, R. M. C. Leeper, and W. D. MacLeod.

The dress may not make the woman but the kind of dress she wears indicates the type of woman she wishes to be.

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Number 24

SHAKESPEAREAN GROUP HONORS MISS STURMER

K. S. A. C. PROFESSOR ON NOMINATING COMMITTEE

Poet's Birthday Anniversary Will Be Commemorated Locally by Faculty Banquet in Thompson Hall On April 24

In a letter just received from the chairman of the nominating committee of the Shakespeare Association of America, Dr. John H. H. Lyon of Columbia university, Miss Anna Sturmer, associate professor of English at K. S. A. C., was asked to serve as a member of this committee. Miss Sturmer is state chairman of the National Shakespeare association.

The national association aims to unite all lovers of the poet and to encourage and enlarge interest in his work. It serves as a means of communication in the Shakespearean world reporting what is being done in his honor or service, whether on the stage, in the school room, in club, or university. Its purpose is scholarly, educational, and theatrical.

CELEBRITIES ARE OFFICERS

Dr. Ashley Horace Thorndike of Columbia university is president and its vice-presidents include such celebrities in the world of literature and the stage as George Pierce Baker, Howard Horace Furness, John Barrymore, Walter Hampden, Julia Marlowe, Otis Skinner, and Edward S. Sothorn.

Each year a board of directors is elected for a three-year period. The new nominating committee will appoint directors for 1933.

Miss Sturmer is among those making arrangements for the Shakespeare dinner and faculty rendezvous which will be held April 24 in commemoration of the poet's birthday anniversary. The affair will be held in the banquet room of Thompson hall and a program of selections from Shakespeare's plays, songs of the poet, and short addresses on Shakespearean subjects will be given.

SPONSORED BY A. A. U. W.

It is hoped to make this affair an institution at K. S. A. C., similar to University night on other campuses, with a complete representation of the 132 colleges and universities on the faculty roster. Those attending will have opportunity not only to pay tribute to the bard of Avon, but to enjoy a delightful get-together and revive memories of their alma mater with former fellow students.

Members of the Kansas State chapter of the American Association of University Women are sponsoring the affair. Tickets, which are \$1.50, will go on sale today. Miss Ina Holroyd is in charge of the sale.

DR. J. S. HUGHES AUTHOR OF TWO ARTICLES ON DIET

Discussions in Successful Farming and Household Magazines

Dr. J. S. Hughes, professor of chemistry, is the author of an article in the Household magazine for April, and co-author of another, published in Successful Farming for April.

The first article, titled "Insure Their Teeth," is a discussion of the part that proper diet plays in building and maintaining healthy teeth.

The second article, written in collaboration with Ethel J. Marshall, instructor in the division of college extension, is on "Minerals in the Diet," and is a discussion of various minerals needed in the diet, and their place in the scheme of growth and proper nutrition.

BRAINARD CHOSEN SAINT PAT BY STUDENTS OF ENGINEERING

Manager of Engineering Open House Voted 'Most Popular'

Charles L. Brainard, Manhattan, was elected last week to the honorary position of "Saint Pat" by students in the division of engineering. Results of the election were announced at Saint Pat's prom, the annual

dance given by the division, last Saturday night. Brainard is a senior in architecture.

Brainard was general manager of the 1930 engineers' open house, is a member of Sigma Tau, and is a past editor of the Kansas State Engineer. He was chosen from a field of four senior engineers nominated for the honor. Announcement of the election results and presentation of a ring bearing the insignia of the engineering department was made by Dean R. A. Seaton.

ACHIEVEMENT AWARD WON BY R. M. HARTIGAN, '25

Electrical Engineering Grad Honored By General Electric for Outstanding Achievement in 1929

One of 37 recipients for 1929 of the Charles A. Coffin Foundation awards for outstanding achievement given by the General Electric company is Richard M. Hartigan, '25, an engineer in the plant construction department of the Fort Wayne works of the company. The 37 awards were distributed among 70,000 employees of the General Electric company.

Hartigan, working closely with another employee, designed and supervised the construction of the original conveyor type automatic testing machine for radio transformers. These machines, according to the General Electric News for March, have been a most important factor in handling a large production program. The work was done under extreme pressure, with much overtime work, and resulted in an annual saving to the company of \$55,000.

Winners of the awards are regarded as members of the "General Electric's Legion of Honor." A substantial sum in G. E. Employees' Securities corporation bonds accompanies each award. In the past seven years, since the awards were established, only 241 have been made.

Hartigan is the son of Mr. and Mrs. John C. Hartigan of Fairbury, Neb. He is 28 years old.

FRATERNITY SONGFEST HAS ENTRY LIST OF 21

Phi Mu Alpha Plans Contest to Increase Campus Interest in Group Singing

Phi Mu Alpha, men's professional music fraternity, is sponsoring an inter-fraternity sing contest to be held in April. It will be given in the college auditorium. Fifteen fraternities and six sororities have announced their intention of competing.

Each organization will sing two numbers, one to be judged for competition and the other for entertainment.

Songs to be sung are preferably the fraternity and sorority songs, although others may be submitted.

Music department faculty members will judge the numbers on presentation, technique, and tone color.

This is the first time an inter-fraternity singing event has been held here. Plans are to make it an annual feature of the college, according to Bruce Prentice, chairman.

Ballard to Topeka

John W. Ballard, '26, resident engineer in charge of state and federal aid highway work in Riley and Pottawatomie counties since April, 1926, will resign April 1 to become engineering secretary of the Kansas Contractors' association, with offices in Topeka. Ballard was an outstanding tackle on the K. S. A. C. football team while in college.

Cornhuskers Coming

The national cornhusking champion for 1930 will be decided next fall in a contest held on Juniata farm, north of Manhattan. Juniata farm is owned by Dan D. Casement, and was the scene of the state husking contest last fall. The coming national contest will be the first held in Kansas.

WHEAT TOUR SCHEDULE ANNOUNCED IN WICHITA

TRAIN STARTS RUN AT NEWTON JULY 21

Tom Bair, 1929 Champion Grower, Will Be On Speaking Program—Last Meeting Two Day Affair at Hutchinson August 12-13

The Kansas wheat belt program will be carried to farmers of western Kansas in 1930 over Sante Fe and Rock Island railway systems in a series of 56 stops between July 21 and August 13. The itinerary of the scheduled demonstration trains as outlined in Wichita yesterday at the wheat belt program report meeting will reach 50 wheat belt counties.

Best methods of producing and marketing wheat belt farm commodities will be presented through demonstrations, exhibits, and a staff of farm production and farm marketing specialists of the Kansas State Agricultural college and cooperating agencies.

CHOOSE 'WHEAT QUEEN'

One of the outstanding speakers to accompany the demonstration train in its tour of the wheat belt will be Tom Bair, Minneola, champion wheat grower of Kansas for 1929. A state wheat queen contest will be carried on in conjunction with the program.

The Kansas wheat belt program is endorsed and supported by the Southwestern Wheat Improvement association; Union Pacific railway; Atchison, Topeka, and Santa Fe railway; Chicago, Rock Island, and Pacific railway; International Harvester company of America; Kansas Crop Improvement association; Kansas City, Mo., chamber of commerce; Kansas state grain inspection department; Kansas state board of agriculture; county farm bureaus; and the Kansas State Agricultural college.

THE ITINERARY

The schedule of stops: July 21—Newton, Sedgwick, Clearwater; July 22—Wellington, Harper, Medicine Lodge; July 23—Ashland, Coldwater, Kingman; July 24—Sylvia, St. John, Kinsley; July 25—Elkhart, Hugoton, Sublette; July 26—Johnson City, Ulysses, Dodge City; July 28—Cimarron, Garden City, Syracuse; July 29—Scott City, Dighton, Ness City; July 30—Jetmore, Larned, Great Bend; July 31—Ellinwood, Lyons, McPherson; August 1—Concordia, Minneapolis, Abilene; August 2—Osborne, Lincoln Center, Salina.

August 6—Kanorado, Goodland, Colby; August 7—Selden, Norton, Phillipsburg; August 8—Kensington, Smith Center, Mankato; August 9—Belleville, Clyde, Clay Center; August 11—Liberal, Meade, Minneapolis, Bucklin; August 12—Greensburg, Pratt, Hutchinson; and August 13—Hutchinson.

TWO K. S. A. C. ARCHITECTS WIN BEAUX ARTS MENTION

'Mastaba Tomb' Drawings of Lockard and Fry Honored

Robert Lockard, Norton, senior in architecture, received honorable mention, first place, from the Beaux-Arts Institute of Design, for his drawing of the archaeology project, "A Mastaba Tomb."

Louis Fry, graduate student in architectural engineering, also received honorable mention on his drawing of the same project.

Lockard's drawing has been retained to be circulated in the traveling exhibit in eastern schools. His drawing also will be displayed here the latter part of May in a student exhibit.

EVERYTHING ON APRIL 5 TO BE SHEEP PROBLEMS

Lamb—From Feed Lot to Roasting Pan—Scheduled for Heavy Discussion

Lamb—all the way from feed lot to roasting pan—will be discussed for and by Kansas farmers who come to Manhattan, Saturday, April 5, for the college's third annual sheep day

program. Sheep problems from lambing time to market season are scheduled for a day of intensive discussion, according to H. E. Reed, the college sheep specialist.

The program begins at 10 o'clock with Dr. C. W. McCampbell pointing out the object of sheep day. His talk will be followed by a series of demonstrations emphasizing cheaper production costs. In view of the depressed sheep market this phase of the program is considered timely.

Following luncheon at noon visitors will hear talks about lamb from the standpoint of the housewife, the packer, the market man, and the producer. Another feature on the afternoon program will be the slaughter and dressing of a lamb by David L. Mackintosh, the college meats authority. Afternoon speakers are to be Mrs. E. W. Stuewe, Alma; R. M. Watkins, Swift and company, Kansas City; A. M. Paterson, Kansas City Stockyards company; and Professor Reed.

OPEN HOUSE VISITORS ESTABLISH NEW RECORD

Total of 4,050 Sees Exhibits Friday and Saturday—Shaver Discusses Architect-Engineer Relationship

Record attendance figures for the annual engineering open house had been increased by a thousand when the exhibits closed Saturday afternoon.

Attendance Friday and Saturday night was 2,260, and that on Saturday 1,790, a total of 4,050. The previous record attendance was estimated at 3,000. Several hundred people who did not understand the exhibits were to be closed on Saturday night delayed visiting them and were turned back.

Exhibits were closed to allow many of those in charge to hear Dr. J. B. Taylor's lecture on television, in the auditorium Saturday night, and others wished to get ready for St. Pat's Prom, annual engineers' dance.

More than 2,500 people went through the tunnel connecting the engineering building with the college library.

General student assembly was held on Saturday morning, and addresses were made by Charles W. Shaver, '15, Salina architect, and President F. D. Farrell.

President Farrell complimented the engineering division on its growth and the record of success made by its graduates.

He mentioned a tendency on the part of engineering students to confine their entire interests to their professional work, with a consequent loss of valuable all around training.

Shaver, who is president of the Kansas chapter of the American Institute of Architects, first discussed his years at K. S. A. C. and their value to him, and then talked of the architect, his necessary close professional relationship with other engineers. His subject was "Correlation of Engineers and Architects in Building."

He cited the entrance of the architect into the field of designing automobile bodies and frames, because of the increasing demand for beauty as well as utility.

"Though the architect is 'king' of the building profession, those in other branches of engineering are indispensable to him," he said.

Citing other examples of the co-operation of engineering and architecture, Shaver mentioned the New York subway. He stressed the engineering skill necessary to development of the subway, and the architectural design that combines beauty with essential strength. The city plan of Washington, D. C., was discussed as a triumph of good engineering and architecture.

More than a thousand persons attended the lecture of Doctor Taylor Saturday night.

Edison's first incandescent lamp gave less than 1½ lumens of light per watt. The modern gas-filled lamp gives as high as 20 lumens.

SWANSON ANNOUNCES PROGRAM FOR MILLERS

FLOUR MAKERS' MEETING HERE APRIL 26

George C. Aldous, Chairman District One, Presiding in Forenoon—Henry Vilm, Chairman District Two, in Charge of Afternoon Session

Dr. C. O. Swanson, head of the Kansas State Agricultural college department of milling industry, has announced the program arranged for visiting millers and representatives of the allied trades at the college April 26. It will be the fifth annual spring conference arranged by the college for operative millers of districts one and two. The program announced by Doctor Swanson:

8 to 10 a. m.—Visit to the college experimental mill. Atmospheric control and equipment for conducting experiments on milling practice.

10 a. m.—Meet in west wing of Waters hall. George C. Aldous, chairman district number 1, presiding. Paper, "Mysteries of Milling," by Glenn Fleece, Wichita. Reports of experiments on milling practices: R. E. McCormick, K. S. A. C., a study of breaking practices in some Kansas mills; R. O. Pence, K. S. A. C., rate of water penetration in wheat during tempering; C. O. Swanson, K. S. A. C., and C. W. Oakes, K. S. A. C., influence of length of scouring and wetting before scouring.

12:15 p. m.—Meeting at college cafeteria.

1:30 p. m.—Meeting in the lunch room. Henry Vilm, chairman of district number 2, presiding. A symposium of fumigating for flour mill and stored grain insects: G. A. Dean, K. S. A. C., the flour mill and stored grain insects; Gilbert Schenk, Gordon Chemical company, Kansas City, Mo., fumigation methods; George W. Wagner, U. S. D. A., Manhattan, heat sterilization of wheat before it enters the mill. General discussion led by Willis N. Kelley, Hutchinson, and Walter Fincher, Kansas City.

3:30 p. m.—Visit to experimental wheat projects.

LEAVENWORTH COUNTY BOOSTS DAIRY FOODS

Milk Products Utilization Campaign to Terminate With Big Cow Carnival on Saturday

Leavenworth county is this week staging one of a series of dairy products utilization campaigns directed in Kansas counties by extension specialists. Miss Conie Foote, nutrition specialist, and J. C. Nisbet, extension dairyman, will sponsor about 150 meetings in as many Leavenworth county schools during the week, stimulating greater use of dairy products. The campaign will terminate in a cow carnival at the Fort Leavenworth riding academy Saturday.

Features on this program will include a milk maids' chorus, a girls' milking contest, and a similar contest for business men. Plans are being made for an attendance of about 4,000, according to Nisbet.

ANGUS BREEDERS STAGE ANNUAL LIVESTOCK DAY

Past Champions Will Be Included in Exhibit of 150 'Doddies'

Aberdeen Angus breeders of Geary and Dickinson counties are staging their fifth annual better livestock day at the farm home of James B. Hollinger, Chapman, April 17. There will be assembled for the occasion more than 150 head of Angus cattle selected from herds of Angus breeders in Geary and Dickinson counties.

A judging contest will be held in the morning with classes for everyone, from 4-H club members to the women visitors, according to Mackintosh. Lunch will be served at noon and the menu calls for juicy Angus roast beef. A more formal program is scheduled for the afternoon. Among subjects to be discussed are the federal farm board's plans relative to livestock marketing.

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R. I. THACKREY... Assoc. Editors
KENNEY L. FORD... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, MARCH 26, 1930

INDIA'S TEA PARTY

Mahatma K. Gandhi's march from Ahmedabad to Borsad on the sea is much more than a pilgrimage of East Indian fanatics.

As tea was in a sense the detonating spark of the American revolution, so salt, another common food, may spell the beginning of the end of British domination of India.

Salt is a government monopoly in India and at Borsad are the principal salt works of the country. Gandhi's pilgrimage was undertaken with the avowed intention of proceeding to Borsad to engage in the refining of salt in direct defiance of British law.

This might be regarded as a trivial way in which to assert so vital a principle as patriotism and nationalism, but, as it happens, the people of India have no grievance that weighs so heavily upon them as does this necessary ingredient of food.

According to Sallendra Nath Ghose, president of the American branch of the Indian national congress, the average of the laboring classes in India is four cents a day and the price of salt as fixed by the government is five cents a pound or the equivalent of the wages of a day and a quarter for a laboring man.

According to Mr. Ghose, this arbitrary price is 2,000 times the cost of refining salt. And to emphasize the injustice of it, he points out that India's salt deposits are sufficiently large to supply the needs of the world indefinitely.

Medical men estimate that the human system requires a minimum of 25 pounds of salt a year; the per capita consumption in Britain is 40 pounds, and in the United States 58 pounds. But in India, with its boundless supply, the annual consumption is only 10 pounds a year, and this, the nationalists contend, has a large bearing on the country's tremendous mortality rate of 62 per 1,000 inhabitants, as compared with an average of only 11 per 1,000 in New York City.

Gandhi has sensed that the simple item of salt will rivet the attention of the people of India upon the woes that follow in the train of alien rule. He deliberately invited arrest and imprisonment for no other purpose than to call attention as publicly as possible to the greatest grievance his people have against a government which professes it is a civilizing agency.

ART

Perfect craftsmanship and a high quality of drawing are present in the exhibition of 30 modern English etchings which are on display in the galleries of the department of architecture. The etchings were sent here through the courtesy of the Roullier galleries of Chicago. They will remain up until Saturday.

Below are the comments of John F. Helm, Jr., of the architecture department, on some of the etchings:

"The Canal, Ghent"—Frank Brangwyn—An impressionistic view and handling of canal barges with buildings in the background. The boats and figures in the foreground are quite dark to contrast and to bring out the light of the buildings in the

background. It is boldly drawn and bitten.

"Morgan Laves"—Bouverie Hoyton—A very decorative study of a tree with a house and barns in the background. The composition of the light and dark areas are carefully considered to make a pleasing arrangement. In contrast with Brangwyn's "Canal" this print is very flat and two-dimensional. The small detail is quite exquisite.

"Under Brooklyn Bridge"—C. R. W. Nevins—It is a very striking late afternoon study with the bridge and the skyscrapers on Manhattan silhouetted against the sky and setting sun. The execution of the sun on the waters with the black tug hurrying about is excellent and conveys the feeling of the busy life on the East river. A very fine print.

"Flighting"—N. Wilkinson—A fine dry print of a duck-hunting scene by this English master of game birds and hunting scenes.

"Egham Lock"—Sir Seymour Haden—It is a technically perfect etching of a typically English subject, the locks and tranquil water being especially admirable. One can easily understand why Haden is ranked with Rembrandt, Van Dyck, and Whistler as the outstanding masters of etching, when looking at this beautiful peace of work. We are very fortunate in having an example of this artist's work in the exhibition.

"The Sentinel"—Mathieson—It is a very typical dry point having the soft, luminous black which can only be obtained by that method of working.

"Path of the Gale"—Robins give us a fine sense of the strong wind and its destructive habits.

"Santa Barnaba"—Hardie—An excellent print characterized by the delightful feeling of bright sunshine and shadow.

"Citadella, Pisa"—Mac Leod—with two excellently portrayed boatmen towing a large barge on the canal. This is a fine bit of drawing of a humble type of humanity. The feeling of light and atmosphere in the handling of the buildings on the opposite bank should also be noted.

"The Porte Vecchio"—Chilverd—This is one of the several excellent bridge studies in the exhibit. The composition builds up in a masterly fashion while the technique is most suitable. The fisherman in his boat in the lower left hand corner is one of those masterly bits which we see only too seldom.

Walcot's "Battery Place" shows that master of architectural subjects at his best. This is one of the outstanding pieces of work in this exhibition.

"Old Courtyard"—Holmes; "Doorway, York"—Tushingham; "The Fair Fields of France"—Osborne, and "Church of St. Lo"—Watson, are all excellent.

COLORED SIDEWALKS

The Drifter is all in favor of the colored sidewalks recently laid in New Orleans—provided that the colors and designs are harmonious and beautiful. The colored sidewalks, so one gathers from newspaper accounts, were lately introduced on a couple of streets at the suggestion of a neighborhood improvement association, the president of which argued, reasonably enough, that since gay colors were in vogue for roofs they might also be used with benefit in sidewalks. Red and green were the colors selected.

Generally speaking, the tendency toward using more color to brighten up and make gayer this drab old world is spreading so rapidly that it no longer needs champions. Rainy days have been much less gloomy since women took to carrying cheerfully colored umbrellas, and it seems impossible to put out any shades in women's dresses too vivid to be popular. The brilliant scarlet confections of the present winter make even the most pessimistic of us want to live through to another spring.

In architecture color has been seeping in for a number of years. Though no American town has yet adopted to any large extent the gaily calcimined walls and brilliant roofs of various oriental, tropical, and Latin cities, the use of bright colored brick and tiling—sometimes in good and sometimes in execrable taste—has grown so common that no one should object when New Orleans goes a step further and lays red and green sidewalks.

—The Drifter in the Nation.

IT PAYS TO BE GOOD

According to some smart wit, the cryptic axiom, "Business is business," simply means that the merchant or manufacturer uttering it "has either just been 'skinned' or is about to 'skin' somebody." But business is a good deal more than a merry pastime consisting of predatory raids conducted by rival head hunters. Today its ethics are not a bit worse than those of any other body in the community. In fact, for certain good reasons, they are apt to be a little better; and the first of those good reasons is that in modern business—in contrast to conditions existing even a decade or two ago—it emphatically does not pay to be dishonest. Experience is demonstrating the accuracy of John Wana-

division addressed the Golden Belt Educational association at Russell.

Prof. Albert Dickens was giving demonstrations showing methods of spraying to kill insects in orchards in Allen, Bourbon, Lynn, and Anderson counties.

THIRTY YEARS AGO

The students' ball in Union hall was well attended.

J. P. Whitlock, farmers' short course student, was employed by Allison and Sons of Florence as helper in nursery and garden work.

Among the students in the cheese making course who secured positions were J. D. McFerren, C. W. Swallow, L. E. Woodard, Mr. Brooks, J. A. Reh, and O. C. Weyer.

The following appeared in a cur-

How to Gain Marketing Act Benefits

Samuel R. McKelvie

The subject uppermost in the minds of the farmers is how they may take advantage of the agricultural marketing act. The first step is to join a cooperative that deals in a specific commodity, such as grain. Membership in a local elevator or some local marketing unit is sufficient. A marketing agreement with some larger unit, such as a pool or terminal agency, also fills the requirements. Membership in a general farm organization is not necessary.

The local cooperative unit is the most important in any large scale cooperative undertaking. This unit is democratic in principle and gives farmers an opportunity to manage their affairs at home. Unless this unit functions fully and in complete harmony with the central sales agencies or all similar units, large scale cooperative marketing cannot be successfully carried out.

There are 4,000 farmers' elevators in this country. Largely they are cooperative and meet the requirements of the Capper-Volstead act. That is, they are farmer owned and farmer controlled, pay not more than 8 per cent on their capital stock, and allow patronage dividends or permit but one vote per member and do no more business for non-members than members. These, in addition to pools and other commodity sales agencies formed into large cooperatives, constitute the basis upon which the Farmers National Grain corporation is built.

The federal farm board insists that competition among cooperatives shall not continue. If it does continue, the success of this undertaking is going to be seriously jeopardized. And why should it continue when the grower is given all these options and takes no hazards? Under these options, he has less hazard than he had formerly. So there is no reason why the grower and his local cooperative unit should not follow through on this thing and deliver to the central sales agency. Competition among cooperatives themselves has frequently been more destructive to their success than competition from other sources.

maker's observation that "money is not made by aiming at money, but by doing things well." If a business man has any hopes of prolonged existence as such, he soon discovers that his code of behavior has, if anything, to be a little above that of the rest of the community.

Whether this condition arises from some inward urge or because of various forces of compulsion, seems to me to be of little consequence. It is rather difficult, and quite academic and trivial, to prove just how much of Little Johnny's good behavior arises from his own inherent high morals and how much from the fear of promptly meted punishment. We are concerned with the actualities of the case and not with the utterly unprovable mysteries of the reasons for conduct. —Julius Klein in Forum.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

John A. Richards, '09, was teaching in the Manual Arts high school of Los Angeles.

William A. Hopper, '10, was president of the Gem State Electric company of Boise, Ida.

W. V. Buck, '11, was assistant state highway engineer, with headquarters at Topeka.

Glen E. Edgerton, '04, was colonel of engineers in the United States army, with headquarters at Camp Travis, Tex.

TWENTY YEARS AGO

Prof. W. H. Andrews gave a chapel address on "The Duty of the Student to the College."

Frances Brown of the extension

rent issue of THE INDUSTRIALIST: "The buttonhole shamrock was numerously present on St. Patrick's day, and the college band played the "Irish Wash Woman" on the chapel platform in the morning."

FORTY YEARS AGO

Susan W. Nichols, '89, recovered from an attack of scarlet fever.

F. A. Doyle, f. s., was telegraph operator at Galva in McPherson county.

George Gamble, junior in 1887, wrote from Kansas City, where he was employed as stenographer in the Union Pacific railway office.

FIFTY YEARS AGO

A lot of high bred Berkshires were offered for sale by the college farm.

Varieties of seeds received by the college were hullless barley, Cuzco corn, Zealand oats, and half a dozen of Pringle's new hybrid spring wheats.

Drilling oats, plowing for corn, and grading had been the principal business of the farm department while the horticultural department was busy pruning and tree planting.

All our knowledge merely helps us to die a more painful death than the animals that know nothing. A day will come when science will turn upon its error and no longer hesitate to shorten our woes. A day will come when it will dare and act with certainty; when life, grown wiser, will depart silently at its hour, knowing that it has reached its term.

—Maeterlinck.

WHO LOVES THE RAIN

Frances Shaw

Who loves the rain,
And loves his home,
And looks on life with quiet eyes,
Him will I follow through the storm,
And at his hearth-fire keep me warm;
Nor hell nor heaven shall that soul surprise,
Who loves the rain,
And loves his home,
And looks on life with quiet eyes.

SUNFLOWERS

ENGINEERS

H. W. D.

The Engineers hold open house.

Civil engineers, electrical engineers, flour mill engineers, agricultural engineers, architects, mechanical engineers, shop workers, steam and gas engineers, chemical engineers, physicists, all the kinds of engineers you can think of—and some you can't.

Displays strung out for a mile or more, not counting the turns and the windings; a lecture on visible sound and audible light; an immense new power plant; a St. Pat's prom in jubilation.

Hundreds upon hundreds of visitors coming to gawk and remaining to study and understand; a faculty of 61 trained leaders and a student group of more than a thousand, acting as hosts; the third largest engineering school between the Mississippi river and the coast, giving a big party and everybody enjoying himself.

Bouncing steel spheres doing a stunt you'll never see in anybody's circus; an electrical train that goes, stops, or backs up when told to over the telephone; a new model Kansas highway with everything from palatial busses to hitch-hikers; a baffling glimpse into the science of surveying; a tractor parade; a water-wheel power plant for your farm; Indian methods of grinding grain; modern methods of milling.

Kansas making enough flour in one day to furnish one hundred thousand adults with bread for one year.

Plans for every kind of building one can put on a farm; architects performing miracles in the cause of esthetics and human comfort; the thousand and one things the engineer does for the army; how the machine designer gets a 10,000 to 1 purchase on power with four gears; non-circular gears you can guess at all day.

Aeronautics, the newest realm of the engineer: a glider (student built) nearing completion; a Good-year zeppelin model; an S. P. A. D. pursuit plane disabled in the World war; Liberty motors; a two-by-eight piece of timber that weighs scarcely anything.

Going up? Or getting confused?

Big steam engines driving mighty dynamos; a hydraulic exhibit; applied mechanics; a concrete laboratory as clean as a well kept pharmacy; a crushing machine of 200,000 pounds capacity; 500,000 volts of lightning striking a toy house; a tin-can motor driven by "kootie" power; strips of steel melted and cooled in the same bucket of water; Jacob's ladder restored in a heaven-bent arc of electricity; a telephone typewriter in operation.

A big shop room lighted by mercury-vapor lamps; dozens of gigantic, delicate lathes in action; an oil furnace and a steam hammer; an automobile laboratory; a chemical engineering laboratory with \$10,000 worth of student-manufactured equipment; the history of radio in exhibits; a professor lecturing on curious sound effects; girls testing the thermal efficiency of heating gas; the oldest weather records in Kansas (1859); modern automatic weather recording devices.

Two hours of sight-seeing—even if you trot; a show much more than worth the seeing.

We doff our hats humbly and without hesitation to Dean R. A. Seaton and his Kansas State Engineers.

I know the disposition of women: when you will, they won't; when you won't, they set their hearts upon you of their own inclination.

—Terence.

AMONG THE ALUMNI

Dr. E. H. Ikard, '19, is a practicing veterinarian at Gooding, Ida.

Claude W. Sloan, '29, is manager of a large ranch near Dalhart, Tex.

V. S. Crippen, '20, is salesman for the Ralston Purina company at Oakley.

Clarence A. Sloan, '28, is with the Kansas City Light and Power company, Kansas City, Mo.

Walter H. Hilts, '18, of Reno, Nev., is director of the Nevada state board of stock commissioners.

Rena A. Faubion, '10, is successfully conducting an up to date tea room in San Diego, Calif.

Harold E. Stover, '29, is assistant rural service engineer for the Kansas Power and Light company, Topeka.

F. L. Fleming, '14, is located at Douglas, Wyo., where he is teaching vocational agriculture in the high school.

H. B. Holroyd, '03, is industrial agent with the Louisville and Nashville Railway company at Louisville, Ky.

Fred W. Milner, '15, is employed as ice cream expert with the California Dairy association of Los Angeles, Calif.

E. G. Stahl, '13, is state sales manager for the San Joaquin Light and Power company with headquarters at Fresno, Calif.

Raymond Tillotson, '29, is employed in the rural service department of the Kansas Gas and Electric company at Newton.

V. O. Clements, '24, who is with the Westinghouse Electric and Manufacturing company, has been transferred from Pittsburgh, Pa., to Houston, Tex.

Rhein Benninghoven, '26, formerly employed by the Santa Fe railroad in its test department, is now representative for the Republic Flow Meters company, Chicago, Ill.

John T. Pearson, '22 and '27, is doing research work in market statistics in the hay, feed, and seed division, bureau of agricultural economics, United States department of agriculture, Washington, D. C.

Wellington Brink, '16, who has been employed by the Texas Power and Light company, Dallas, Tex., has accepted the position of assistant national director of public information and roll call with the American Red Cross. Brink's headquarters are in Washington, D. C.

MARRIAGES

MUTSCHLER—BROWN

The marriage of Gwenn Mutschler, Leonardville, and Harold E. Brown, '26, Longford, occurred at Topeka February 25. Mr. and Mrs. Brown are making their home at Longford, where Mr. Brown is associated with his father in the Brown hardware store.

SPARROWHAWK—HELPER

Mr. and Mrs. John Sparrowhawk of Wakefield announce the marriage of their daughter, Charlotte, f. s., to Walter Helfer, of Elgin, Ill., which took place March 16 in Elgin. Mrs. Helfer has been engaged as director of religious education in the Congregational church at Elgin since her graduation from Chicago university in June, 1928.

BROWNE—FELDMANN

The marriage of Mary Browne and Lieutenant Carl R. Feldmann, '28, took place at Liberty, Mo., March 4. Lieutenant Feldmann is a graduate of the Kelly Flying field at San Antonio, Tex. He has been commissioned a second lieutenant in the officers' reserve corps and assigned to active duty in the air corps of the regular army at Selfridge field, Mount Clemens, Mich.

DEATHS

MOEHLMAN

Mrs. Fred W. Moehlman, of Manhattan, died March 16 in a Manhattan hospital after an illness of about a month. Surviving are the husband and five children: Julia, '25, Edna, Wilhelmina (Moehlman) Perkins, '29; F. W. Moehlman, Jr., of Man-

hattan, and J. H. Moehlman, f. s., of Chicago, Ill.

CONROW

Mrs. W. A. Conrow, of the Manhattan community, died March 19 of cancer of the stomach. She had been an invalid for about a year and a half. She is survived by these sons and daughters: A. D. Conrow, '13, Chanute; Lena (Conrow) Adams, '13, Muscatine, Iowa; Mrs. Asa Whitney, College hill; S. Alda (Conrow) Whisnant, '20, Asherville; Ida (Conrow) McGehee, '26, Manhattan; Amy (Conrow) Piper, '24, Clay Center; John W. Conrow, f. s., Manhattan; Frank R. Conrow, Manhattan; and Ned Conrow, f. s., Manhattan.

BIRTHS

Ernest Teaford, f. s., and Laura (Divebiss) Teaford, '24, of Manhattan, announce the birth of a son, Ralph Lewis, March 10.

William C. Janes and Mary (Pinkerton) Janes, '27, of Manhattan, announce the birth March 10 of their daughter, Helen Elizabeth. Mr. Janes is an assistant professor of mathematics at K. S. A. C.

W. A. KNIPE IS HONORED BY HOME TOWN PAPER

Former Aggie Student Founded Many Leading Civic Organizations in Oklahoma Town

A fine tribute is paid to William A. Knipe, a former student at K. S. A. C. in the years of 1876-77, by his home town paper, the Perkins, (Okla.) Journal of February 13.

The Journal says: William A. Knipe was born at Greencastle, Ind., February 4, 1855, and at the age of four years moved with his parents to Kansas, locating in Jackson county, where they settled on a homestead on which he grew to manhood. He was educated at Kansas State Agricultural college and later moved with his folks to Bartlesville, Indian territory. From the latter place they moved to Oklahoma in 1889, taking up the homestead where he still lives.

Mr. Knipe organized the first town council of Perkins, the first Sunday school, the first public school, the first chamber of commerce. The latter body's activities built the first bridge across the Cimarron river in the then Territory of Oklahoma. Mr. Knipe also organized the present commercial club.

He was a member of the state legislature of 1895, a member of Governor Ferguson's staff, and also a member of Governor Jenkins' staff.

With all of these outstanding accomplishments, it would certainly appear that Mr. Knipe's life has been well spent and that he is richly entitled to the generous measure of approbation that he is continually receiving from our people as a whole. May he live long to continue in the useful channels along which he is continually laboring.

The new community hall is one of his pet projects, and it, too, we trust, will be an enduring monument to his memory.

TEN WIN SWEATER AWARDS FOR WOMEN'S RIFLE TEAM

K. S. A. C. Squad Victorious in Nine of Twelve Matches

Winners of sweaters for women's varsity rifle competition have been announced by Captain Maurice Rose. The 10 girls who had the highest scores on targets handed in during the shooting season won letters. Their rank as to scores is: Ruth Clency, Manhattan; Helen Laura Dodge, Manhattan; Helene Hahn, Clay Center; Geraldine Johnson, Manhattan; Mina Skillin, Frankfort; Effie Rasher, Solomon; Evelyn Longren, Leonardville; Helen Van Pelt, Beloit; Frances Jack, Russell; and Leone Wilson, Wichita.

The women firers established a good record for the year. Of the 12 matches in which they engaged, they won nine and lost three. The schools from whom they won are: University of Washington, State College of Washington, Massachusetts A. and M. college, Michigan State college, University of Nebraska, University of Kansas, University of Southern California, University of Wyoming, and the University of Pennsylvania.

The Aggie women lost to the University of Missouri, Cornell, and the University of Maine.

HIGH SCHOOL PAPERS GET K. S. A. C. MANUAL

NEW JOURNALISM BULLETIN OUTLINES ORGANIZATION, FUNCTIONS

Material Gathered Through Annual Contest Is Prepared for Publication By Lillian Hughes Neiswanger and Shirley Mollett Webb

Journalism instructors and newspaper supervisors of Kansas high schools received last week copies of the recently published K. S. A. C. Manual for High School Newspapers, which is bulletin No. 10 of the industrial journalism series.

Material was prepared and the manual written by Lillian Hughes Neiswanger, former assistant professor of industrial journalism, assisted by Shirley (Mollett) Webb, '29.

Inspiration for preparation of the manual was received through the many requests for suggestions received from high school newspaper sponsors and student editors, especially in connection with the annual statewide contest conducted by the college.

MANY EXAMPLES USED

Illustrations of good and bad practice as exemplified in newspapers entered in the contest are used liberally through the bulletin, material from 45 high school and junior high school newspapers being included.

"Due to the limited size of the booklet it was necessary for the authors to condense to the utmost in order to indicate organization and functioning of each department of the high school paper," said C. E. Rogers, head of the journalism department. The editors have compressed into 30 pages material that occupies 10 times that many in some texts.

"The manual is not intended as a text book, but as a reference source where solutions for practical problems may be found quickly.

EXTRA COPIES AVAILABLE

"It is hoped that the manual will fill a definite need in the larger high schools because of its compactness, and in the smaller schools which do not offer journalism courses, because of the amount of necessary information offered in a small space."

Topics include function and organization of the newspaper and duties of staff members; methods of handling various important types of routine and feature news stories; special feature sections; sport sections; the editorial page; make-up; headline writing; typography; and advertising typography.

Copies will be mailed on request.

LUEBKE LEARNS SPANISH FOR NEW JOB IN CHILE

Wheat Harvest Just Over on South American Farm, Apple Harvest Just Beginning

B. H. Luebke, '26, writes to ask that his address be changed from La Paz, Bolivia, to El Verger, Angol, Chile.

He says: "The altitude of 12,500 feet at La Paz was too much for Mrs. Luebke's heart, so we were transferred to the Mission farm 400 miles south of Santiago.

"El Verger is a farm of 3,850 acres with a young agricultural school as one of the chief enterprises. Just what enterprise is going to be my specialty remains to be seen. At present my specialty is learning Spanish and the Chilean language without which the 'gringo' is useless. Summer is yet with us in all its vigor. The wheat harvest is over, the apple harvest is beginning. We have just sent two carloads of 600 quintales of lentils on their way north destined for New York. There are 400 Chileans connected with the farm when the families of the workmen and their dependents are counted.

"Mr. Bullock of the University of Wisconsin is in charge of the school and Mr. Reed of Ames is in charge of the farm. I took much pride in showing Mr. Reed the football score of the Kansas Aggies over Ames."

Dickinson Meeting

A meeting of K. S. A. C. former students and alumni living in Dickinson county was held in Solomon the evening of March 19. At the business session which followed a dinner in the Presbyterian church dining room, an invitation extended by the Abilene alumni to hold the next annual meeting there was accepted.

A. E. Jones, '16, Abilene, was ap-

pointed chairman of the committee on arrangements by Adelaide (Seeds) Montague, '19, president. Others named to the committee were Daisy (Hoffman) Johntz, '00, Oma Bishop, Sarah Davidson, C. A. Martin, and Albert Butcher. Margaret (Jones) Jones, '14, was appointed treasurer to take the place of Willa Graff.

An informal evening was enjoyed at the Montague home after dinner.

Among those present at the meeting were: Marie (Senn) Heath, '90, Mrs. A. W. Ehrsam, Elizabeth Fairbank, '29, and Mrs. Edward Kuster, Enterprise; Dorothy Zeller, '27, Edith Miller, Ruth Phillips, '28, Newell Page, and W. W. Wright, '17, Hope; Mr. and Mrs. Oscar Engle, Navarre; Ethel Vanderbilt, Reva Lyne, '28, Rida Duckwall, '27, Virginia Lovitt, Leon Montague, '26 and '29, and Adelaide (Seeds) Montague, '19, Mr. and Mrs. Bert Ramsey, and Kirk Ward, '29, Solomon.

TWO ALUMNI IN INDIA HOLD YEARLY MEETING

T. M. Hill, '09, Writes from Christian Church Mission at Jhansi, United Provinces

T. M. Hill, '09, with the India Mission, Disciples of Christ, at Jhansi, U. P., India, writes:

"I have not forgotten the alumni association, but I have not paid my dues, nor am I hopeful of being able to pay them at all regularly. Some things have to slide, and with three hungry alumni associations dunning me annually I just pass them all by! I wish I could arrange to pay for THE INDUSTRIALIST alone in order to keep a little in touch with events—but that seems to have been ruled out. I quite agree that the time for discontinuance of free subscriptions came long before that policy was adopted, but I do miss it.

"I have an alumni association meeting every year with Dr. James Taylor, f. s., of Rurki, India, and I had one in 1925 with John B. Grifing, '04 (formerly in charge of cotton improvement at the University of Nanking, China, but now at 655 F street, San Bernardino, Calif.).

"His 'million dollar' Chinese cotton, a variety developed by himself, is quite the most thrilling alumni story I have run across. India needs agricultural development, too, though the technical advisor makes some great mistakes sometimes, as the one in South India who insisted on deep plowing in one area against the protests of the farmers, and on experimentation plowed up alkali that killed the crops!

"Jhansi is an engineering center with railway shops and a technical school, really a small engineering college. The development in the field of mechanical and industrial effort is doing much to change the customs and outlook of India.

"Just now interest is centered on the efforts of some Nationalists to agitate for complete freedom from England, while others are fighting for dominion status, which has been promised eventually. The Indian states provide one great problem, having very little desire for the removal from India of Britain's power. The communal tension between Mohammedan and Hindu groups is another outstanding difficulty."

AGGIE MEN'S RIFLE TEAM FIRES IN NATIONAL MEET

Captain Maurice Rose Designates Squad of 15

The Kansas Aggie men's rifle team is representing the seventh corps area in the national intercollegiate rifle matches. Firing started this week and will continue until April 16, one phase of the meet to be completed each week.

Men who have been designated to fire in this match are: E. W. Bennett, Great Bend; C. O. Little, Manhattan; D. M. Earl, Nickerson; J. G. Towner, Lincoln; M. B. Sanders, Marion; C. M. Kopf, Beverly; W. L. Leshner, Dodge City; P. E. Pearson, Concordia; L. L. Vrooman, Independence; O. H. Dilsaver, Kensington; H. T. Blanchard, Wichita; H. H. Kirby, Toronto; R. S. Rearwin, Salina; C. C. Eustace, Wakefield; and Robert Pfuetze, Manhattan.

Will Be Camp Counselor

Mary Belle Read, Manhattan, senior in physical education, will spend the first part of the summer as a counselor at the Rocky mountain camp for girls, Estes Park, Colo.

RECENT HAPPENINGS ON THE HILL

An intersociety mixer was held by the literary societies last Friday evening at the community house.

Effie Rasher, Solomon, junior in physical education, has been elected captain of the 1931 women's rifle team.

The K. S. A. C. men's rifle team lost its match to the University of Iowa last week. Iowa scored 3,686 points to 3,649 for K. S. A. C.

Dean E. L. Holton, head of the department of education, has been appointed regional consultant for the national advisory committee on education.

Both a hard ball league and a soft ball league will be organized in intramural baseball this spring. Fraternities will be given choice of the league they wish to enter.

Dr. C. V. Williams, Prof. A. P. Davidson, and T. F. Hall, all of the department of vocational education, attended the north regional conference of vocational education held in Chicago last week.

Prof. W. H. Andrews of the department of education, president of the Manhattan city board of education, delivered the address at the dedication of the remodeled Bluemont grade school last Thursday night.

Prof. R. R. Price, head of the department of history and government, was elected president of the Laymen's association of the Kansas conference of the Methodist Episcopal church at a meeting in Kansas City March 14.

A total of 432 graduate students have been enrolled at K. S. A. C. during the past year, according to Dr. J. E. Ackert, chairman of the graduate council. This is an increase of 15 per cent over the previous high record of 1926-27.

The annual state home economics convention was held at Pittsburg Friday and Saturday. Representatives from K. S. A. C. who were on the program included Dr. Margaret M. Justin, Mrs. Lucile Rust, Miss Beth Quinlan, and Dr. Martha Kramer.

The three "College" brothers, Joe, John, and Jack, are to be selected today by vote of the student body, in an election sponsored by the Kansas State Collegian. Purpose of the election was to select three K. S. A. C. students best typifying the popular college man.

K. S. A. C. will be represented in all divisions of the national Pi Kappa Delta meet at Wichita from March 29 to April 4. John Correll and James Taylor will represent the men's debate teams, and Helen Mangelsdorf and Gladys Schafer the women's. Extemporaneous speakers will be Izola Dutton and Fred Seaton. Donna Duckwall and John Correll will be oratory contestants.

FOUR VETERANS REPORT FOR 1930 TENNIS TEAM

All Big Six Schools Will Be Met by Wildcat Squad

Ten men, four of them veterans, are working out for the Kansas Aggie tennis team this spring. A round robin schedule of Big Six games has been arranged, and pre-season matches will be played with Washburn college, Baker university, Bethany college, and St. Mary's college.

The first Big Six match is with Oklahoma university April 17, at Norman. Kermit Silverwood, Ellsworth, is team captain and holds two letters. Elmer Bredehoff, Fairmont, Okla., is the other letter man, and Erwin Hollingsworth, Charlotte, N. C., and Claire Worthy, Wetmore, are returning members of last year's squad.

Winston Grigg, Abilene, last year's intramural champion, is expected to be one of the leading members of the 1930 squad. Other candidates include B. H. Dean, Manhattan; G. B. Telford, Manhattan; Edris Rector, Manhattan; G. R. Grimes, Jetmore; and H. H. Platt, Manhattan.

C. H. Moll of the department of physical education is the team coach.

HOWE FORESEES SMALL LAND PRICE CHANGES

DISCUSSES VALUES IN NEW CIRCULAR

Present Conditions Point to No Increases for Next Decade—Study Analyzes Past, Present, and Future of Kansas Real Estate

A new circular dealing with farm land values in Kansas has come from the press of the Kansas State Agricultural college. It is written by Harold Howe, assistant professor of agricultural economics and a specialist in tax and land problems. In the circular he discusses factors which enter into the value of land, land values in the past, and present land values in Kansas. He illustrates the price trends in the state for the period 1910-1928, showing graphically the trend of prices as calculated from records of bona fide sales.

Howe risks a prediction of what may happen in the future, thus: "As long as it is possible by more efficient production to meet the demands of the growing population on the present land area no general trend upward in land values seems likely. It would seem then that for the next five to 10 years there will be no great change in land values except in some areas possessing particular advantages."

EFFICIENCY ENTERS IN

On the demand side, population, the most important single item, seems destined to increase at a slower rate than in the past due to the falling birth rate and the restrictive immigration policy, Howe explains. Granting these facts the present increase of about 1,700,000 persons a year in the United States does materially increase the demand for farm products and would be expected to cause higher land prices, but Howe points out that this has not been the case because efficient methods have made possible a notable increase in agricultural production despite a decline in the area of crops, in the number of livestock, and in the number of persons engaged in agriculture.

CREDITS ENGLUND-PECK

It is estimated that farm production in the United States in the five years, 1922-1926, was about 14 per cent greater than in the five years, 1917-1921, whereas population increased less than 9 per cent.

An acknowledgment by Professor Howe gives credit for collecting and summarizing data on Kansas land values to Eric Englund and Millard Peck, now of the bureau of agricultural economics, United States department of agriculture, but formerly of the agricultural economics department, Kansas agricultural experiment station.

Copies of the new circular on land values may be obtained by writing to the department of agricultural economics, Kansas State Agricultural college, Manhattan.

ATHLETIC AWARDS FOR WOMEN ANNOUNCED AT W. A. A. SPREAD

Leone Wilson, Wichita, Only New Winner of K

The women's basketball honor team was announced by Miss Helen Saum at the W. A. A. spread Thursday, March 13.

The team is: guards, Grace Editha Reed, Topeka, captain; Grace Zeller, Keats; and Lorraine Martinson, Topeka; forwards, Vivien Nickels, Manhattan; Barbara Pollock, Topeka; and Marion Thompson, Manhattan.

The following girls received chevrons: Mary Belle Read, Manhattan; Effie Rasher, Solomon; Nina Mae Skillin, Frankfort; Ruby Nelson, Jamestown; and Jo Johnson, Manhattan.

Red cap awards were given to Dorothy Rosencrans, Manhattan; Elsie Mae West, Manhattan; and Ruth Voshell, Bucklin. Stars were awarded to Jo Johnson, Manhattan, and Grace Editha Reed, Topeka.

W. A. A. shields were awarded to Eva Hixson, Wakeeney, and Alice Brill, Westmoreland. One K sweater was awarded. This was to Leone Wilson, Wichita.

The spread closed the season of class and intramural swimming. Pi Beta Phi won the intramural swimming championship, the Tri Deltas placed second, and Phi Omega Pi third. The girls on the championship team are: Jane Sparr, Ellsworth; Helen Culbertson, Kansas City; Freda Greer, Marion; Maxine Fones,

Kansas City; Mary Carney, Manhattan; Joan Lytle, McPherson; Virginia Parker, El Paso, Tex.; Laura Hart, Overbrook; Mary Holton, Manhattan; and Marjorie Stevenson, Oberlin.

The freshman class won the women's inter-class basketball championship. This is the third championship for the freshmen, as they won both volley ball and tennis championships. The girls who played enough to earn 100 W. A. A. points are: Lucille Nelson, Jamestown; Inez King, Junction City; Hazel Forbes, Eureka; Mabel Fiser, Mahaska; Mila Pishney, Cleburne; Marion Thompson, Manhattan; Emily McKenzie, Plainville; Lorraine Martinson, Topeka; Etna Borgon, Hugoton; and Alice Bozarth, Lenora.

'NINETEENTH HOLE' LAST THEATRE PLAY

Special Rendition of 'Frankie and Johnnie Were Sweethearts' Is Added Attraction

The final Manhattan Theatre play of the season, "The Nineteenth Hole," starring James Pratt, Manhattan, will be given in the college auditorium April 11 and 12.

Casting of characters has been completed except for two parts.

"The Nineteenth Hole," billed as a hilarious farce comedy, is a story of the sudden addiction of an eminent and dignified professor to the game of golf. Complications in the form of a big tournament and dissension at home when the professor's wife becomes a golf widow race the action along at a merry clip.

A special program by the "Manhatters," will be a feature of the evening. The nature of the program is being kept a secret for the time being.

A special skit is planned by an as yet unnamed trio which will render that well known tragedy of all time—"Frankie and Johnnie."

The cast of characters for the show is: Vernon Chase, Jim Pratt; Mrs. Chase, Helen Culbertson; Mrs. Everett, Reland Lunbeck; Nedda Everett, Frances Simpson; the postman, Travis Siever; caddy, Jack Groody; Tom Everett, Ken Gopen; Halliday, Vernon Dyerly; Ben, Dick Fleming; Colonel Hammer, Ben Markley; Walter Trumbull, Harlan Rhodes; Professor Albert Bancraft, J. C. Braden.

HAYLETT PICKS 4-MILE TEAM FOR TWO TEXAS RELAY MEETS

High Jumper and Hurdler Also On Tentative List

Five and possibly six members of the Kansas Aggie track team will make a trip this week end to compete in the annual Texas university relays at Austin and the Southern Methodist university relays at Dallas. A four mile relay team, composed of the following men, will make the trip: Captain H. S. Miller, Kansas City; O. L. Toadvine, Dighton; P. W. Dutton, Burlingame; E. G. Skeen, Eskridge. E. C. Black, Utica, is alternate.

Milton Ehrlich, Marion, sophomore high jumper and holder of the college indoor record, will enter outdoor varsity competition for the first time. H. W. Hinckley, Barnard, sophomore, will be taken if his time in the 220 yard low hurdles at the final tryouts warrants it. Hinckley has been making unusually fast time on the lows, considering the short time he has worked at them, Coach Haylett said.

SIX DRAWINGS ARE FORWARDED FOR BEAUX ARTS COMPETITION

K. S. A. C. Juniors and Seniors Finish Apartment Project

Six selected drawings of the problem, "A Suburban Cooperative Apartment House," were sent Monday morning to the Beaux Arts Institute of Design at New York City to be judged in competition with those of other schools April 1.

Juniors and seniors in architecture have been working on the apartment house project since February 8. Judgment on the problem will not be known until about the middle of April, according to Prof. Paul Weigel, head of the department of architecture.

The fundamental idea of the problem is to combine country life with modern comforts at a cost within the means of the average salaried employee.

EROSION SUBJECT OF EXTENSION BULLETIN

CROPS AND TERRACES URGED TO STOP RUNOFF

Conservation of Soil Fertility and Rainfall Are Discussed by Professors Duley and Shedd in New Publication

Saving soil and saving water are subjects discussed in a recently published bulletin issued by the extension division of Kansas State Agricultural college. On rolling lands of the eastern part of the state, runoff after heavy rains subjects land to two distinct losses—loss of water that is needed for crops and loss of large amounts of fertility by erosion.

Keeping hillsides covered with crops and construction of terraces will help prevent these losses, the bulletin authors, F. L. Duley and C. K. Shedd, explain. The type of terrace best adapted to farm conditions in Kansas is the broad ridge type, or mangum terrace, as it is known. Much like a road grade, this ridge, 18 or 20 feet wide, should have a broad, shallow ditch on the upper side about 15 to 18 inches lower than the top of the ridge. Water is thus checked and more of it is taken up by the soil. The plan for a slight fall toward one end, the disposal of water, ways of making the ridges, implements used in construction and maintenance, and probable cost of making terraces are discussed in the bulletin.

Terraces are needed not only on land with ditches and gullies but also on long, gradual slopes where great sweeps of water take off the best soil. Since much of Kansas rainfall comes in sudden, dashing rains which, if conserved, might prove sufficient for a crop but which now rushes down gullies to cause floods, the terrace solution deserves consideration.

Professor Duley is a soils specialist at the Kansas State Agricultural college and Mr. Shedd is assistant professor of agricultural engineering, extension division. Copies of the bulletin may be obtained by writing to the extension division for extension bulletin No. 58.

PROGRESS OF KANSAS PRESS

F. E. C.

Business continues good in Kingman county if the Kingman Journal of March 21 is any criterion. Features of a 14 page regular issue were a murder story which the Journal displayed with a banner headline and some bold face 10 point type, a picture of a new \$22,000 bridge in Kingman county, and plenty of other general news and advertising. The bridge story was an excellent feature, a half-tone occupying space across three columns on page one. With it was a 400 word description giving interesting statistics about the structure and the Kingman county road program. The usual variety of editorials combined to make one conclude that Whitelaw and Hubbard certainly produce a splendid county seat paper.

Less than two years ago the Greensburg News was founded in the Kiowa county seat. Today it impresses the readers as a substantial long lived newspaper. Perhaps this is largely due to the forward looking spirit of editor C. G. Miller. An editorial in last week's issue about the modern farmer is typical of Miller's philosophy. Recalling that farmers attend farm machinery shows in large numbers, Miller suggests that it is useless to ignore rapidly changing methods of farming and encourages his readers to keep up with the trend of things. His only caution is put this way, "One good rule is not to buy any article unless it is really needed and unless the purchaser is quite sure it will be to his financial advantage to do so."

With an oil boom in well advanced stages and the hunt for bandits who robbed the Manter State bank recently, the Elkhart Tri-State News has not been short of big news. The robbery got a full column last week while oil and gas drilling had to get along on a half column of news. However, Editor Willard Mayberry wrote a timely editorial pointing out to his readers the traps they should avoid in dealing with "lease hounds." Mayberry apparently has had experi-

K. S. A. C. Well Represented

K. S. A. C.'s home economics division was well represented in the annual food exhibit sponsored by the Buffalo, N. Y., branch of the National Restaurant association. Two of the three judges were Lola Brethour, '14, manager of Huyler's tea room, and Ursula S. Senn, '21, chief dietitian of the Buffalo City hospital. One first prize and one second was awarded to the Russet cafeteria, managed by Lynn Sandborn, '10.

LINN CONDUCTS DAIRY MEETINGS THIS WEEK

Tells Southeastern Kansas Farmers Not to Skimp On Concentrates in Summer Ration

Pasture management and summer feeding problems will be discussed in a series of dairy meetings conducted by J. W. Linn, extension dairyman, in cooperation with farm bureaus in a number of southeastern Kansas counties this week. Meetings have been or will be held in Montgomery, Labette, Cherokee, Crawford, and Neosho counties. Advantages of delayed pasturing and other pasture management and utilization problems will be discussed.

Although the protein may be materially reduced in the ration, dairymen should continue to feed grain during the pasture season, Linn believes. As soon as pastures begin to dry up the amount of protein in the grain should be increased to the normal amount because only green, succulent grass will furnish large quantities of protein, Linn states. Last year dairymen in the Finney county dairy herd improvement association found that \$6 worth of grain produced 2,000 pounds more milk when fed as a pasture supplement.

Plan Beaux Arts Ball

Architects are planning the annual Beaux Arts ball in recreation center Saturday night, March 28. The party this year will be further identified by the addition of the title, the "Atlantis ball." Decorations will feature deep sea fish in a manner to carry out the idea "fifty fathoms under the sea." Costumes will be adapted to the sea.

ence in oil booms or else has read up on the technique.

The editorial column of James B. Austin, publisher of the Monitor-Press at Wellington, is interesting for three reasons. It is short and the paragraphs in it are short. They are also timely and apparently hit where the author looks—the chips fall where they may.

Frank Hall, formerly of Concordia, has purchased the Hill City papers, the Revelle-New Era and the Republican, and will consolidate them.

Another recent consolidation in a Kansas county seat is that of the Oberlin Herald and Times.

One of the Washington county papers is the Cow and Hen Journal, a monthly publication printed by the Washington County Publishing company, which means that it is produced by Albert Higgins and J. H. Barley. The Journal is the official paper of Washington and Clay county farm bureaus. Mr. Higgins has recently taken a partial vacation from his Linn-Palmer Record to devote more time to the Journal.

The fifty-fourth anniversary of the South Kansas Tribune at Independence was observed last week. The editors are C. H. Connelly and Earl Yoe.

Interviews of prominent Norton citizens are a first page feature in the Daily Telegram under the heading, "My First Job." The stories unquestionably are good daily reading material for Telegram subscribers.

George Berlin, editor of the Wakefield News, is rearing a newspaperman while he edits the News. Mr. Berlin's son, George, Jr., has a column labelled "George's Juvenile News." George, Jr., gathers the news, writes it, and sets it into type himself. The idea might be used profitably by other editors' sons.

NEW PUBLICATIONS IN STATION'S DIRECTORY

BULLETIN LIST IS FURNISHED ON REQUEST

Three Pamphlets Deal with Wheat, Poultry, Dairy—Discussions Touch Many Matters in Each of These Phases of Industry

Several bulletins have been printed and distributed recently by the Kansas agricultural experiment station. Among them is a circular listing the available bulletins and circulars. The list may be obtained by writing to the station at Manhattan. Among new bulletins are the following:

FOR POULTRYMEN

Poultry Diseases, Their Prevention and Control, bulletin No. 247, by L. D. Bushnell and C. A. Brandly of the department of bacteriology. This bulletin seems to have met a need as requests have been received from every state and several foreign countries. An Oklahoma editor has asked permission to reprint it for distribution to every farm home in that state.

Prevention of trouble is the keynote to discussion in the bulletin. The authors state that the price of one hen used in prevention is more effective than that of a hundred used as a cure for sick chickens. Part of the bulletin deals with poultry diseases, their diagnosis, and an outline of the symptoms. Control measures are suggested, various disinfectants are considered, and the solutions needed for each. The formula for whitewash and suggestions for taking and shipping blood samples for the agglutination test are given.

WHEAT PRODUCTION

Wheat Production in Kansas, bulletin No. 248, by S. C. Salmon and R. I. Throckmorton, department of agronomy. This bulletin discusses soils and soil conditions best suited to wheat growing, the crop rotations that have been found to give best results in different parts of the state, results of tests with various fertilizers, and crop yields from plowing at different times and in different ways. No phase of the subject is overlooked. Choice of seed, time for seeding, advantages of early and fairly deep plowing in eastern Kansas, harrowing and rolling wheat ground, pasturing wheat, harvesting in all of its phases and with all kinds of equipment, summer fallowing in western Kansas, and prevention of soil blowing are discussed. Diseases and insect pests are described and control measures suggested. Marketing the crop is discussed at some length.

DAIRY FARMING

Farm Dairying, circular No. 148, by J. B. Fitch of the department of dairy husbandry. It discusses the increase in dairy industry in Kansas in the last 10 years, advantages of dairy farming especially in maintaining soil fertility, breeds of dairy cattle, distinctive features of each, and a comparison of breed characteristics. A score card for the selection of cows by type and conformation is given and the various points explained at some length. Suggestions are made for the keeping of records and sample sheets are given. The herd sire gets attention as does feeding and management for different seasons of the year. This includes suggested rations and the proportions for each. The circular closes with directions for making the Babcock test.

FIFTEEN FROSH CAGE MEN RECOMMENDED FOR AWARDS

But Four Must Clear Scholastic Hurdle First

Eleven freshman basketball players have been approved for numerals and sweaters by the K. S. A. C. athletic board, and four more also will receive awards provided they meet scholastic requirements. Recommendations were approved as made by O. L. Cochrane, who has been in charge of the freshman squad.

Those receiving awards are: Perry Course, Abilene; Lloyd Dalton, Fort Scott; G. R. Harsh, El Dorado; E. R. Kennedy, Chase; E. F. Morrison, Colby; Lee Morgan, Hugoton; P. Rayback, Goodland; Andrew Skradski, Kansas City; Harvey Steiger, Menlo; R. E. Teter, El Dorado; and W. C. Teichgraber, Osage City. Those conditionally recommended were Jack Going, Topeka; H. L. Hasler, El Dorado; Wayne S. Marteney, Hutchinson; and N. J. Weybrew, Wamego.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, April 2, 1930

Number 25

COSMOPOLITAN CLUB GIVES \$700 LOAN UNIT

ASSURES FINANCIAL AID TO WORTHY FOREIGN STUDENTS

Balance Remaining From Proceeds of Pop Nickloff Benefit Entertainment Will Become Permanent Part of K. S. A. C. Alumni Fund

The Cosmopolitan club, an organization of 40 foreign and American students enrolled at K. S. A. C., has turned over \$700 of its funds to the K. S. A. C. Alumni association to be used as a Cosmopolitan unit in the alumni loan fund. This money is to be loaned to foreign students in need of financial assistance.

Practically all foreign students are financed from their homeland, but there is a need for emergency loans while studying in America, due to a few weeks' delay in the mail or financial crises at home.

The Cosmopolitan club expects through its unit in the loan fund to see that all real financial needs of worthy foreign students are taken care of at K. S. A. C.

The money given the loan fund is the balance left from the Pop Nickloff entertainment last fall, it was understood.

Officers of the Cosmopolitan club are: President, Charles Kenison, Solomon; vice-president, Frank Coyle, Bethel; secretary, Wilbur McDaniel, Michigan Valley; corresponding secretary, Gladys Dowd, Bayneville; treasurer, R. K. Hoefener, Leavenworth; program chairman, Esther Herman, Abilene; marshal, Joe Fickel, Chanute.

The following foreign students are enrolled at K. S. A. C. this semester: Cirilo L. Adam, agriculture, Salvador Della, agriculture, and Flor B. Zapata, veterinary medicine, all of the Philippine Islands; Andre Audant, agriculture, and James M. Richardson, agricultural engineering, Port au Prince, Haiti; Nadim A. Barudi, agriculture, Syria; Gaston Bert, special student, France; Yun Sur Kim, agriculture, Shanghai, China; O. W. Ludloff, veterinary medicine, Honolulu; Carl Martinez, electrical engineering, Mexico; and Francisco Sierra de Sota, general science, Columbia, South America.

MARTIN HELPS SPONSOR ICE CREAM PUBLICITY

Midwest Manufacturers Plan to Advise Their Product from Standpoint of Food Values

Prof. W. H. Martin of the college dairy department represented the Kansas association of ice cream manufacturers at a meeting of state association secretaries in St. Louis recently where plans were tentatively formed for promoting an ice cream week, May 4-10, inclusive. States represented at the conference were Kansas, Missouri, Illinois, Iowa, South Dakota, North Dakota, and Minnesota. Other state associations in the central west have been invited to participate in the educational program of the ice cream makers.

It is the purpose of the program to educate the public relative to food values of ice cream, Professor Martin said, and to stimulate greater consumption of ice cream and sherbets. This will help absorb the present surplus dairy products through greater use of milk products. The program also is intended to encourage manufacturers to make ice creams of higher quality and greater uniformity. The educational program will be continued from month to month.

SCHOLARSHIP PRIZE FUND SWELLED ANOTHER \$50

State Vocational Agriculture Supervisor Announces New Prizes

Lester B. Pollom, state supervisor of vocational agriculture in Kansas, has advised Prof. B. H. Fleenor of the K. S. A. C. home study department that the vocational agriculture department is contributing \$50 in cash prizes to the ninth annual K. S. A. C. scholarship contest. First,

second, and third awards of \$25, \$15, and \$10, respectively, will be given to the three students standing highest on the vocational agriculture test. The prizes run the total value of awards in the contest to approximately \$650. Other cash awards and K. S. A. C. scholarships amount to approximately \$600. Date of the contest is April 26.

FRENCH ETCHING SHOW HERE UNTIL APRIL 12

Four More Exhibits Will Follow Present Display—Birger Sandzen On Schedule

Thirty modern French etchings from the Albert Roullier galleries in Chicago were scheduled to arrive today and will be displayed in the department of architecture galleries until April 12.

Scheduling of four additional exhibitions for this spring has been announced by John F. Helm, Jr., of the department of architecture.

From April 7 to April 21 woodcuts by some of the younger English artists and some other prints from the collection of Carl J. Smalley, art dealer in McPherson, will be displayed in the galleries on the third floor of the library building.

Birger Sandzen, probably the best known Kansas figure in the world of art, will send a collection of lithographs, dry point etchings, and woodcuts to Manhattan for display in the department of architecture galleries from April 14 to April 26.

Helm's annual spring exhibition of his own work will be in two sections. Water color paintings will be displayed from April 28 to May 12, and etchings from May 14 to May 24. Both shows will be in the architecture galleries.

PRIX MAKES PUBLIC 1929-30 MEMBERSHIP

Honorary Organization for Junior Women Holds Annual Spring Formal Banquet

Prix, honorary organization for junior women, announced its membership for the past year at a formal banquet Monday night. Membership is kept secret during the year and announced after new members have been chosen for the ensuing year. Names of the new members will be announced next spring.

Pauline Samuel, Manhattan, junior in physical education, has been president of the organization; and Esther Rockey, Manhattan, junior in industrial journalism, the vice-president. Geraldine Johnston, Manhattan, junior in physical education, has been secretary-treasurer.

Other members are: Gladys Schmedemann, Manhattan, junior in public school music; Helen Sloan, Hutchinson, junior in industrial journalism; Helen Randall, Ashland, junior in public school music; Eugenia Leighton, West Helena, Ark., junior in home economics; Dorine Porter, Stafford, junior in home economics; Vesta Walker, Wakeeney, junior in industrial journalism; Norma Koons, Sharon Springs, junior in home economics.

Election to membership is based on leadership and on willingness to cooperate in college activities.

FLEENOR CONDUCTS STUDY AT OXFORD NEXT WEEK

Home Study Department Cooperates With New York Institute

Prof. B. H. Fleenor of the K. S. A. C. home study department will go to Oxford the first of next week to conduct a church and community survey under the auspices of the Institute of Social and Religious Work of New York City. He will interview teachers, ministers, business men, and others in the Oxford community. It will be the second survey of this nature for Oxford, a similar study having been made five years ago. The Kansas State Agricultural college is cooperating with the New York society in making such a study of several communities in Kansas.

'BO' WILL PLAY AGAIN IN GAME HERE FRIDAY

FORMER STARS WILL SHINE ONCE MORE FOR DAY

Aggie Coach, Former All-American Star, Will Match Wits Against Nephew—Lots of Beef in Old-Timers Lineup

Alvin Nugent McMillin, professor of physical education and head coach of athletics, will give his students in football an object lesson in how to play the game in a demonstration on stadium field at 4 o'clock Friday afternoon. McMillin, known wherever football is known as "Bo," will pilot an old-timers team against the Wildcat varsity in a game which will bring to an end the spring football practice season.

Supporting McMillin will be perhaps the most outstanding collection of football luminaries ever assembled on an Aggie gridiron. O. W. (Oss) Maddox, assistant coach and former Geneva and Centenary college star, will play tackle. Maddox was picked in some of the All-American selections in his last year of competition, and played on the Geneva team which defeated Harvard.

PLENTY OF BACKS

Owen (Chili) Cochrane, former all-conference quarterback with the Wildcats, will alternate at quarter and half with McMillin. Elwyn (Tiny) Feather, former all-conference fullback and a member of the New York Giants professional team for several seasons, will play fullback. James Douglass, former Aggie captain, and L. J. (Rocky) Bryan, former half and quarter, will be other backs.

Teamed with Maddox at tackle will be George (Babe) Lyon, 235-pound all Big Six tackle of two years ago. As guards the oldsters will have K. C. (Casey) Bauman, all Big Six selection last fall, and R. E. Hamler, another big ex-Aggie. Zurlinden Pearson, former all-conference tackle, also will be used in the game.

Al (Barrel) Meyers, whose 170 pounds will seem midget-like in the old-timer lineup, will play center for them. He was varsity center last fall.

C. O. Tackwell, all Big Six tackle last fall, will shift to end for the all-star team, with A. R. Edwards, for three years an Aggie end, at the other wing position.

ANOTHER M'MILLIN

Opposing McMillin at quarter will be Ray McMillin, his nephew. Other members of the varsity lineup probably will be announced later. Only those men who are engaged in other sports will be absent from the varsity string, which probably will be manned by Frank Root, assistant coach.

Several of the members of the old-time team are in or near Manhattan and have been massaging sore muscles after workouts in preparation for the game. A 50 cent admission will be charged.

NEW IDEAS ON PROPER MIXING OF CONCRETE

Use Little Water and Dry Slowly, K. S. A. C. Professor Says—Porous Cement Is Weak

The strongest, most durable, and best concrete is made by using just as little water as will make a "workable mix," according to W. L. Leshner, professor of applied mechanics, K. S. A. C. This conclusion is based on countless experiments in laboratories in which mixtures have been tried and tested under extremes of heat and cold.

The regular opinion has been that the proportions of sand and gravel must be carefully measured but that the amount of water used was immaterial. Now it is known that when it evaporates each particle of water in the concrete leaves a small hole. The more porous any concrete or stone is, the weaker it is. It is impossible to state any rule for the amount of water to use as it differs with different mixtures and for dif-

ferent uses, but the general statement holds good for all cases—the less water the better so long as it makes a workable mixture.

Equally important for the ordinary worker with cement is the knowledge that concrete should not be allowed to dry rapidly, says Professor Leshner. Most cement work would be much better if it were covered in some way so it could not dry for at least a week.

HAMP-IO ENTRY WINS ONE-ACT PLAY CONTEST

Unusual Attendance Marks Third Annual Revival of Intersociety Stage Competition

First place in the intersociety one-act play contest last Saturday night was won by the group representing the Hamilton and Ionian societies. The Browning-Athenian entry was second. A prize of \$20 went to the first place winners. Attendance was estimated at approximately 1,000 and was decidedly better than in the two previous years of the contest.

W. J. Sweet, Wichita, was manager and Frank Edlin, Herington, stage manager. The first place production was "Trysting Place," and the second place play "The Fever Ward." Other entries were "Help Yourself," presented by Alpha Beta; "Keeping Him Home," by Webster-Eurodelphian; and "Sauce for the Gander," by the Franklin society.

All the plays were cast and directed by students. Hal Trekel, Belle Plaine, was coach of the Hamilton-Ionian play, and used the following cast: Mildred Edlin, Herington; John Hanna, Clay Center; Ruby Nelson, Jamestown; Geraldine Johnston, Manhattan; John Shaffer, Simpson; Dale Jones, Junction City; and Joe Smerchek, Garnett.

R. O. Greep, Longford, directed the Browning-Athenian play in which the following persons took part: Ruby Stover, Kansas City; Gilbert Combs, Manhattan; D. E. Halbert, Abilene; Roland Swenson, Cimarron; Ed Miller, Manhattan; and Luella Vanderpool, Meade.

SEVEN TO CONVENTION OF DEBATE FRATERNITY

Students Will Compete in Pi Kappa Delta Debate and Oratorical Contests

Seven Kansas Aggie students are in Wichita today competing in the debate and oratorical events held in connection with the national convention of Pi Kappa Delta, honorary forensic fraternity.

James Taylor and John Correll, both of Manhattan, will compose the men's debate team, and Helen Mangelsdorf, Atchison, and Gladys Schaffer, Del Norte, Colo., the women's team.

Izola Dutton, Manhattan, is to be the representative in extemporaneous speaking for women; Donna Duckwall, Manhattan, in women's oratory; John Correll in men's oratory; and Fred Seaton, Manhattan, in extemporaneous speaking for men.

A total of 130 schools have chapters of Pi Kappa Delta, and nearly all these are expected to send representatives to the convention and contest. D. J. Mase, debate coach, and Mrs. Mary Myers Elliot, of the department of public speaking, will accompany the K. S. A. C. group. The convention started March 31, and will continue until April 4.

Two Grads Turn Authors

The Quill, publication of Sigma Delta Chi, has as its leading article in the current issue "What Publicity Is—And Is Not!" written by Lee Moser, '17, advertising manager for the Lawyers' Mortgage company of New York City. Another article in the same issue is "Teaching Journalism by Interview," written by C. R. F. Smith, '24, a member of the teaching staff of the department of technical journalism at Iowa State college.

Faith in the farm will not be ill-founded.

ENTERTAINMENT PLANS ARRANGED FOR EDITORS

NEWSPAPERMEN MEETING HERE MAY 9 AND 10

Department of Industrial Journalism, With Help of Student Clubs, Has Arranged Series of Events for Social Diversion

Members of the Kansas Editorial association who come to Manhattan and the college May 8, 9, and 10 for the annual spring meeting will find a program well arranged for them from the standpoint of entertainment. Prof. C. E. Rogers, head of the college department of industrial journalism, has announced a half dozen entertainment features arranged especially for the visiting newspapermen.

Dates of the association meeting are May 9 and 10, but to encourage editors to come early and to make their early arrival worth while, Sigma Delta Chi, the men's undergraduate journalism society, is giving its well known branding iron banquet on Thursday night, May 8. The editors are invited and a good dinner, plus plenty of entertainment furnished by a well laid panning and razzing program, are special features for the evening. The committee has arranged a program in the form of an inquisition—an investigation of many local and state wide public as well as private matters.

MATRIX TABLE BANQUET

Women are not invited to the Sigma Delta Chi banquet, but on the same evening Theta Sigma Phi, the women's organization, will hold its Matrix Table banquet with visiting newspaper women and wives of editors as guests. Margaret Hill McCarter, widely known Kansas author, will be the principal speaker at the Matrix Table. On Friday afternoon the members of the journalism society will be hostesses to editors at a tea given in the journalism club room.

On Friday evening the Manhattan chamber of commerce will banquet the editors. The banquet is to be followed by a journalism dance sponsored by Sigma Delta Chi as the annual Scribblers Scramble. Social features of the program will be terminated with a tea Saturday afternoon at the home of Professor and Mrs. Rogers.

SPEAKERS FROM KANSAS

The formal program, according to Professor Rogers, will be announced soon. Victor Murdock, Wichita, president of the Kansas Editorial association, and H. C. Sticher, Topeka, secretary, have said that all speakers will be from Kansas. Sessions of the convention will be held in Kedzie hall, the journalism building.

CALDERWOOD ON WAY TO A. S. M. E. JUBILEE

Mechanical Engineers Will Celebrate Society's Fiftieth Birthday

Prof. J. P. Calderwood, head of the department of mechanical engineering, left Tuesday to attend the fiftieth anniversary celebration of the American Society of Mechanical Engineers, to be held in New York City and in Washington, D. C.

Enroute to New York Professor Calderwood will meet with the K. S. A. C. alumni chapter of Philadelphia on April 3, and on April 4 go on to New York City.

The A. S. M. E. was founded 50 years ago at a meeting in the offices of the American Machinist magazine in New York. The anniversary celebration will last from April 5 to April 9, the first meetings being held at the American Machinist headquarters and the remainder in Washington, where medals will be presented various distinguished engineers.

On his way home Professor Calderwood will meet with the K. S. A. C. alumni chapter at Columbus, Ohio.

Will Elect Queen

The spring queen of the college will be elected at the Royal Purple spring frolic held at the Wareham ballroom Friday night.

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F. D. FARRELL, President... Editor-in-Chief
C. E. ROGERS, Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER, R. I. THACKREY, Assoc. Editors
KENNEY L. FORD, Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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Make checks and drafts payable to the K. S. A. C. Alumni Association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, APRIL 2, 1930

CHILD WELFARE IN WISCONSIN

Courses in infant hygiene are now being given in all Wisconsin schools in order that girls can learn how to care for a baby intelligently. These courses were first offered in 1924 and more than 4,000 girls have completed the course each year since.

It is the aim of the bureau of child welfare of Wisconsin to have all babies and children in that state examined at regular intervals by a competent physician in order to correct physical defects. With this in mind regular health centers are held once a month in many Wisconsin cities and towns, and demonstration centers are held by the child welfare bureau throughout the state.

As a result of this campaign for the health of the pre-school child, statistics in that state show that fewer babies die each year and they arrive at the school age with fewer physical defects.

Kansas has made a step in this direction by the establishment of clinics and nursery schools, one of which is a part of the home economics division at the Kansas State Agricultural college. The nursery school cooperates with the parents and makes use of the best methods in child care, with especial emphasis on nutrition.

Kansas, however, does not have an organized system, such as that of Wisconsin, in force throughout the state. It is only by the education of parents and future parents that child health can be improved. Kansas would do well to follow the example of Wisconsin in this vital matter.

SPRING CAPRICE

The lilac by my window is up to her old tricks. It's the March wind again. She has heard that he is coming, and she's preening herself already, flaunting her buds of yellow green—the color that's in all the shop windows this year, only much prettier. Poor, silly lilac. You'd think she'd know about the March wind some day. Her little affair with him last year ended bitterly enough. But now she can scarcely wait for his caresses and his abuse.

We heard the old winter wind grumbling at her last night, admonishing. And she answered with a toss of her head, a gesture of silent mirth that twinkled against the stars. Lovely lilac. The winter wind had as well save his admonitions for the mock orange. She'll be prudent enough.

It was just so last year. Wrapped in the cloak of her own virtue she watched the lilac flirting with the March wind, watched them sway together in a giddy dance. She heard their whispered confidence, saw the lilac curtsy before some murmured flattery. For the March wind is a most charming lover when he wants to be, charming as any lilac could ask.

But the mock orange knew. She always knows. She's a very canny shrub, if she isn't much to look at. So she had an opportunity to watch the March wind leave the lilac; and that was very sad. Blustering and angry he came one day and shook the lilac as though he had never cherished her, hurled reproaches in

her face, pelted her with sleet as one pelts with words that sting and shatter. A veritable sadist, this March wind. Then he left her to her humiliation, withered and quite bent under a wet clinging snow. Poor lilac. It wasn't two days before she heard him whistling gaily on his way to woo the mock orange who was pale and prudent and who couldn't dance with any wind. The lilac did not smile that year or wear her purple blossoms. Poor lilac.

And here she is, sighing for the March wind again. But she's brave, she's debonair. That much you'll admit. "Sometimes—" she says. And she's quite right. Sometimes the March wind is kind and constant, too; and then the lilac's radiance is glorious to behold. —Marion Ellet in the Concordia Blade-Empire.

NEWSPAPER LITERATURE

Many bright young men are attracted to journalism because they like to write, and it is the worst unkindness one can do them to allow them to entertain any current sophistry as to the essential baseness of journalistic writing.

Newspapermen are maneuvered into a false position when they allow superstitious awe of such conjuring terms as "pure literature," "the best English style," and "literary graces," joined with an undue obsequiousness to the prejudices of super-refined and over elegant criticism, to convince them that newspaper writing is of a low order. I believe newspaper English, as written by good reporters, editors, and feature writers in the better papers, to be the best possible English. Newspaper style is essentially clear and forceful, and it sometimes possesses a true beauty and a fresh originality.

Out of the vast amount of journalistic writing produced daily in famous and obscure papers throughout the country, there is no small quantity appearing from time to time which has honest esthetic values, and which we would not hesitate to call by the name of literature.

—Frank Luther Mott.

AS THE TRULY EDUCATED DESIRE

Once let a college come out plainly and say to its freshmen, "You are here on your own. You are to choose among certain groups of correlated subjects offered. Find out what you can about them from those who will be your assistants rather than your teachers through college. . . . Discuss them with upperclassmen who have taken them. Follow your own inclination. Take and leave as you would in a cafeteria. Passing means being carefully examined at the end of each year. Never during the year. And each examination will cover the work of the previous year, or years. There will be no per cent or alphabetical rating, first or last. Passing means that you have done satisfactory work. Not passing means the opposite, and, in consequence, that you leave.

"Finally, for those who graduate there is a provision for the few who desire academic distinction. It is that at the end of one or two years you may take an examination on what you studied while in college, in the light of what you have done since, either academically or out in the world. Passing this examination means higher distinction."

Once let a college say this plainly, and unflinchingly stick to it, and we shall see such education as the truly educated most desire and rarely meet with. The experiment may get its turn some day along with the endless other experiments now being made as the result of general dissatisfaction with things educational as they are. —Alfred M. Brooks in School and Society.

A CHILD NEEDS TASKS

Some of us recall, when we were very young, being invited to sit down in the council of our elders and deliver ourselves of such wisdom as we possessed. Such a procedure capitalizes the child's instinctive loyalties. He finds his self esteem and satisfaction in cooperating instead of in dissension.

The training of children in independence cannot be well done without introducing them as early as possible to the experience of work that is creative. We take our children to the stadium and let other people play ball games for them, or to the con-

cert and let others make music for them. They are constantly the recipients but too seldom creators.

Nothing so makes a child rightly self reliant as the ability to do something well, though it be nothing more than to wash dishes, build a boat, or swim expertly. Multitudes of our homes are too soft. A child needs tasks with his hands at home. He should share in the responsibilities of carrying on the household. Every creative hobby should be encouraged, whether the youth wishes to make radio sets, build playhouses, go fishing, put on theatricals, play a violin,

following officers: Merle Collins, president; R. S. Hawkins, vice-president; May Gonterman, secretary; L. A. Tombaugh, treasurer; and J. W. West and E. A. Vaughn, members of the student council.

THIRTY YEARS AGO

E. W. Reed, '92, was taking work here prerequisite to a medical course he intended to take up at Ann Arbor, Mich., the next fall.

W. E. Smith, '93, became a member of the law firm of Irish and Brock here. They had offices both here and at Kansas City, Mr. Smith

Mental Hygiene Aims At Prevention

"The Human Mind," by Karl A. Menninger

To one interested in the motives and derailments of human beings, the college is a magnificent laboratory in which vast numbers of subjects run a gauntlet, with many glorious successes and many dismal failures. It seems wholly logical that modern psychiatry, concerning itself as it does with the difficulties people have in living, should be applicable to the difficulties that the students have in living their peculiar four year lives.

Each year thousands of college students fall by the wayside. They fail in curricular work, they fail in physical health, they fail in mental health, they fail in social adjustments. The wiseacres have many explanations to offer for this, but very little remedy. "Too many students are going to college, the pace is too fast, the ideals are wrong, the faculties are incompetent, the curricula are inappropriate. Above all, there is too much money and too much frivolity and too much social life. College students have much too good a time!"

The mental hygienist is somewhat out of sympathy with these explanations. He does not deny that some of them may be true, but his pragmatic sense is offended by the futility of such generalization. His whole point of view is individualistic, and, leaving problems of curricular adjustment and world politics aside, he is interested in what happens to John Smith and Mary Baker that puts them out of the running. The loss of John Smith may mean little to the college; the loss of Mary Baker may not very greatly distress the world; but some John Smiths and some Mary Bakers are worth saving.

Mental hygiene aims at saving them. It aims at the prevention of failure.

The mental hygiene counsellor acts as a trouble shooter. He has to be familiar with the primary and secondary and tertiary interests of college students and with all the problems that assail them. In addition he must be familiar with the personal defects likely to lead to special difficulties and with the evidences of such distress. Then by personal investigation, by application of the methods of treatment known to psychiatry and already discussed, by helping the student to make corrections in his attitudes, his beliefs, or his objectives, or to alter his incorrect emotional reactions, and by endeavoring to bring about changes in the particular phases of the environment with which a particular individual is having trouble, he must attempt to avert a crash. Such a point of view throws an entirely different light on many of the sins and failings of college students.

or write poetry. The important matter is that he do something productive of self reliance. —Harry Emerson Fosdick in World's Work.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Frank Sidorfsky, '14, was employed by the Empire Gas and Fuel company, Bartlesville, Okla.

Milton L. Pearson, '11, was head of the architectural department of the Trinity Lumber company of Dallas, Tex.

C. A. Wallerstedt, '17, was an electrical draftsman with the Atlas Portland Cement company of North Hampton, Pa.

W. L. Enfield, '09, was manager of the lamp development laboratory of the National Lamp works of the General Electric company at Cleveland, Ohio.

TWENTY YEARS AGO

Manhattan was making preparations for installing a gas plant for lighting and heating purposes.

Assistant Patterson of the animal husbandry department went to Dighton to judge horses for the Lane County Horse Breeders' association.

The senior class elected the following officers for the spring term: Jack Gingery, president; Luberta Smith, vice-president; Maude Estes, secretary; and Charles Zoller, treasurer.

The sophomore class elected the

having had charge of the latter office.

A note from Mark A. Carleton, '87, written on board the liner New York, stated he was enroute for Paris to take charge of the cereal exhibit of the United States at the Paris exhibition.

FORTY YEARS AGO

Stuart J. Hogg, f. s., left for a month's visit with relatives in London.

Hattie E. Gale, '89, was teaching at Lake Worth, Fla., while keeping house for her father.

M. H. Markham, f. s. in 1880, took an active part in the meeting of Alliance presidents at Topeka.

O. G. Palmer, '87, was appointed to a clerkship in the census bureau at Washington, D. C., with a salary of \$1,200 a year.

FIFTY YEARS AGO

Judge S. O. Thacher of Lawrence was to deliver the commencement address.

The senior class was composed of the following students: Augustine Beacham, Lizzie Cox, Emma Hoyt, Emma Knostman, Grace Parker, Noble A. Richardson, and Maria E. Sickels.

The following officers were elected in Webster society: George F. Thompson, president; J. Allen, vice-president; W. S. Myers, secretary; W. Knaus, treasurer; A. Beacham, marshal; M. T. Ward, librarian; W. Knaus, reporter; and F. Ale, critic.

CARE

Virginia Woodward Cloud

All in the leafy darkness, when sleep had passed me by,
I knew the surging of the sea—
Though never waves were nigh.
All in the leafy darkness, unbroken by a star,
There came the clamorous call of day,
While yet the day was far.
All in the leafy darkness, woven with hushes deep,
I heard the vulture wings of Fear
Above me tireless sweep;
The sea of Doubt, the dread of day, upon me surged and swept
All in the leafy darkness
And while the whole world slept.

SUNFLOWERS

H. W. D.

ATTENTION

After all, you have to admit that the big question of the hour is not disarmament, not prohibition, not unemployment, not a new religion—but a proper length for women's hair and women's skirts.

Some of us can recall the days when skirts and hair were both as long as they could be. There was no question about length. The business of hair and skirts was sufficiency.

Then things changed of a sudden. Nobody now remembers just when it was and nobody knows or ever knew just why it was. But women seemed to decide that they needed more time and more locomotion, so they began snipping off their hair and shortening the skirts.

As nearly as we can remember, there was much joy in the land. Most honest people applauded. Of course there were a few who rushed to the colors of conservatism and accused the girls with the scissors of attempting to destroy the last vestige of womanly decorum by their brazen departure, but in the main both men and women looked for whatever of good might appertain to the new brevity, and hoped for the best.

In the main they were right. The latest available statistics do not show conclusively that the demoralization following knee-length skirts and bobbed hair was complete. The young people of our land, who are of course the only people open to corruption, accommodated their minds to whatever their eyes regularly saw, and remained substantially the same kind of young people the world has had to put up with since the dawn of history, whenever that was.

But look what's happened now. No sooner has everybody got used to women's ears and shapely necks and unfettered mobility than the minds of these same women change. They want long hair and long skirts. They say this business of being ready to go places on time and being able to get places without discomfort after you get going isn't all that they hoped it might be.

Somehow or other they have figured out that hair which is neither short nor long and dresses that are short in the forenoon, medium in the afternoon, and long after sundown are what they want. Far be it from us to say them nay. Our idea of what a woman wants is whatever she says she wants—and pronto. It may develop later that she is mistaken, but that doesn't prove she was mistaken.

We may have been guilty of thinking and saying that woman would never go back to long hair and long skirts. We were guilty of it. But we're not any more—we've taken it all back.

The theory we secretly believe in—although we wouldn't admit it for the world—is that women dress both consciously and unconsciously to attract attention, the attention of all men and all other women. They may want to be free or they may not; but certain it is that they want to be noticed. The trouble is that we quit paying attention to their short skirts and their ears. Nobody should ever quit paying attention to women. They won't stand for it.

We'll know better next time. If short hair and short skirts ever come in again, we're going to get all a-twit-ter and stay that way.

There are occasions when it is undoubtedly better to incur loss than to make gain. —Plautus.

AMONG THE ALUMNI

William Love, '29, is with the Procter and Gamble company at Kansas City, Mo.

G. V. Mueller, '24, who teaches in the electrical engineering department at Purdue university, Lafayette, Ind., was a campus visitor recently.

H. L. Wampler, '29, principal of the rural high school at Louisville, has been employed as principal of the Elmdale rural high school for next year.

Ada (Robertson) Fiske, '20, is in extension work in California as home demonstration agent of Merced county with headquarters at Merced. Mrs. Fiske has been home demonstration agent of that county for seven years.

Phyllis (Burtis) Howard, '25, of Kansas City, Mo., arrived in Manhattan March 29 to spend two weeks with her parents, Walter Burtis, '87, and Winifred (Brown) Burtis, f. s., and her sister, Wilma (Burtis) Bay-er, '16.

R. G. Porter, '28, who has been assisting J. W. Ballard, '26, as resident engineer in charge of state and federal aid work in Riley and Pottawatomie counties, will assume Ballard's duties until a successor is appointed. Ballard has resigned and on April 1 took up his new duties as engineering secretary of the Kansas Contractors' association with headquarters in Topeka.

BIRTHS

John W. Ballard, '26, and Mrs. Ballard, of Topeka, announce the birth March 31 of their son, William Duane.

H. B. Bayer, '16, and Wilma (Burtis) Bayer, '16, of Manhattan, announce the birth of a daughter, Wilma Diane, March 21.

Edgar L. Misegades, '24, and Laron (Parmenter) Misegades of Fort Wayne, Ind., announce the birth October 1, 1929, of a son, Dean Edgar.

Clell B. Wisecup, '26 and '28, and Jeanie (Rankin) Wisecup, f. s., of Orlando, Fla., are the parents of a son, William George, born March 27.

John C. Riddell, '24, and Mrs. Riddell of Little Rock, Ark., are the parents of a son born March 23 to whom they have given the name John D.

MARRIAGES

HARKNESS—NEFF
Alice Harkness, '19 and '27, and E. G. Neff of Ulysses were married August 30, 1929. They are living on a wheat ranch in southwestern Kearny county.

MACHMER—PRICE
The marriage of Bernice Machmer, f. s., and Dallas D. Price, f. s., both of Wakefield, took place March 28 in Topeka. Mrs. Price has been teaching the fifth and sixth grades of the Wakefield school. The couple will make its home in Wakefield, where Mr. Price is engaged in farming with his father.

BILGER—BRICHACEK
The marriage of Gladys Bilger, '28, to John R. Brichacek, Kansas university, '26, took place at Goodland February 20. Mr. and Mrs. Brichacek are living in Bird City, where Mrs. Brichacek is teaching in the high school. Mr. Brichacek is agent for the New York Life Insurance company.

LANSING—WILLIAMS
The marriage of Mary Lansing, graduate of the Kansas State Teachers' college at Emporia and for the past five years supervisor of music in the Manhattan public schools, and Dr. C. V. Williams, professor of vocational education at K. S. A. C., took place at the home of the bride's father in Chase March 23. They will be at home in Manhattan.

DEATHS

PERRY
Mrs. E. H. Perry died at her home in Manhattan March 31. Mrs. Perry had been ill for several days following a fall in which she was injured. Surviving are Mrs. Elizabeth (Perry)

Harling, seed analyst in the department of agronomy at K. S. A. C., and Edward H. Perry, '86, of Plainview, Tex.

First Tennis Match

A two-man tennis team from St. Mary's college will meet a Kansas Aggie team at Manhattan Thursday. K. J. Silverwood, Ellsworth, and Winston Grigg, Abilene, will represent K. S. A. C.

SOME TROUBLE BUT IT MEANS GOOD POTATOES

Hotbeds Need To Be Cleaned and Sterilized Each Year, Plant Pathology Specialist Explains

Clean surroundings are as necessary for growing vigorous, healthy sweet potato plants as they are for young stock. Clean soil, clean tools, clean manure, a sterile hotbed frame, and good drainage from the hotbed are essential factors in producing sweet potato plants free from disease, says E. H. Leker, plant pathology specialist of the extension service, K. S. A. C.

A hotbed should be located above the surrounding soil. All old soil and vegetable matter that was used the previous year should be removed. The framework of the hotbed should be thoroughly disinfected with a solution of three pints of formaldehyde in 50 gallons of water. Professor Leker advises that bank sand be used in preference to river sand which invariably contains disease germs.

If, for any reason, it is not possible to secure soil that is free from disease, that used should be disinfected with the formaldehyde solution at the rate of one gallon per square foot applied at least five weeks before the sweet potatoes are seeded. The soil should then be spaded up frequently to prevent any injury to the seed. All tools should be sterilized in the same disinfectant solution.

Y. W. C. A. PRESIDENT CHOOSES NEW CABINET

K. S. A. C. May Send Representative to National Conference at Detroit This Month

Dorine Porter, Stafford, president of the Y. W. C. A., has announced members of the cabinet for next year as follows:

Eleanor Womer, Agra, hostess chairman; Mildred Edlin, Herington, membership chairman; Mary Jo Cortelyou, Manhattan, student forum; Barbara Brubaker, Manhattan, association meetings; Dorothy Rosencrans, Manhattan, chairman of the drama committee; Hildred Schweitzer, Wichita, finance; Nellie Dilsaver, Kensington, social; Lucile Nelson, Jamestown, reading group; Florence James, New England, N. D., publicity; Frances Bell, Marysville, big sister group; Louise Davis, Nashville, Tenn., industrial group; Josephine Skinner, Topeka, music; Geraldine Johnston, Manhattan, ways and means.

Other Y. W. C. A. officers, chosen several weeks ago at the annual student election, are Margaret Darden, Manhattan, vice-president; Alice Louise Fincham, Pratt, secretary; and Corabelle Tolin, Havensville, treasurer.

Members of the cabinet met Monday evening and made plans for next year's program. They hope to send a representative from K. S. A. C. to the national Y. W. C. A. conference, which meets the latter part of the month at Detroit.

Sigma Tau Taken In

At a recent meeting of the Association of College Honor Societies, Sigma Tau, honor engineering society, was elected to full membership in this group, according to Prof. J. P. Calderwood. Election of Sigma Tau was made possible by the first expansion the association has made since its founding, increasing the active membership from six to eight societies. Selection of this organization as the seventh member was based upon the importance of its activity in promoting scholarship.

The Association of College Honor Societies now includes Phi Beta Kappa, Tau Beta Pi, Sigma Xi, Phi Kappa Phi, Alpha Omega Alpha, The Order of Coif, Sigma Tau, and Omicron Delta Kappa. The association has made provision for the admission of additional honor societies to limited membership.

GAMMA SIGMA DELTA INITIATES 42 MEMBERS

Agricultural Society Takes 4 Faculty Members, 22 Graduate Students, and 16 Seniors

Gamma Sigma Delta, honorary society of agriculture, initiated 42 members. Requirements for admission to Gamma Sigma Delta are high scholarship in school work and prospective employment in a field closely related to agriculture. The society is nationwide in scope.

Four members of the faculty were admitted to the honorary society, 22 graduate students, 11 seniors in the agricultural division, two agricultural engineering seniors, and three seniors in the division of veterinary medicine.

The 42 new members are as follows:

Faculty—F. C. Fenton, agricultural engineering; A. F. Swanson, Fort Hays branch station; C. R. Whitnah, chemistry; E. J. Wimmer, zoology.

Graduate students—G. A. Aikins, Valley Falls; Marion Campbell, Manhattan; G. E. Cautchen, Gainesville, Tex.; E. J. Coulson, Manhattan; Loren Davis, Manhattan; L. W. Decker, Bluffton, Ind.; A. C. Groth, Red Cloud, Neb.; Bernice Harper, Vicksburg, Mich.; R. E. Hodgson, Mazomanie, Wis.; O. J. Hopper, Chillicothe, Mo.; Arthur Meyer, Manhattan; H. C. Larsen, Brookings, S. D.; A. W. Lindquist, Lindsborg; R. R. Murphy, State College, Pa.; Marjorie Prickett, Wamego; Ralph Schopp, Abilene; D. M. Seath, Manhattan; C. L. Smith, Corvallis, Ore.; C. A. Suneson, Missoula, Mont.; C. S. Smith, Manhattan; Temple F. Waburn, DeKalb, Mo.; E. J. Wade, Saugatuck, Mich.

Seniors—J. J. Curtis, Toronto; T. N. Meroney, Garden City; R. W. O'Hara, Blue Mound; F. J. Raleigh, Clyde; R. G. Frye, Freeport; O. G. Lear, Stafford; L. P. Reitz, Belle Plaine; M. R. Salmon, Manhattan; F. H. Schultis, Sylvan Grove; H. B. Walter, Wichita; E. M. Leary, Lawrence.

Seniors in agricultural engineering department—Henry Barre, Tampa; Herbert Stapleton, Jewell.

Seniors from the division of veterinary medicine—W. W. Bertz, Manhattan; T. J. Leasure, Solomon; H. D. Smiley, Manhattan.

ALPHA ZETA ANNOUNCES NEW SPRING INITIATES

Ten Undergraduates Elected to Honor Agricultural Society

Alpha Zeta, honorary agricultural society at the college, has announced spring elections to the organization. A list of 10 initiates includes three seniors, three juniors, and four sophomores, chosen on the basis of outstanding leadership, character, and scholarship. The 10 new members are:

Seniors—R. G. Frye, Freeport; Charles Mantz, Pratt; W. D. Moore, Copeland.

Juniors—J. B. Hanna, Clay Center; Leonard Stewart, Vermillion; Frank Zitnik, Scammon.

Sophomores—J. R. Bentley, Ford; C. W. Nauheim, Hoyt; W. L. McMullen, Oberlin; W. M. Myers, Bancroft.

GO-TO-COLLEGE TEAMS APPEAR IN MANY TOWNS

Four Groups Cover High Schools of State—Urge Advanced Education

Go-to-college teams from K. S. A. C. have been appearing before high school students in a number of towns in Kansas to interest seniors in enrolling in college next year. These teams are sponsored by the college Y. M. C. A.

The following teams have made trips:

A male quartet composed of Jay Thomson, J. T. Blasdel, E. P. Schrag, and C. Reiswig went to Abilene, Solomon, Salina, Beverly, Lincoln, Ellsworth, Russell, Hoisington, Great Bend, and Lyons during the week of March 17 to 21.

The college trio, which includes Lyle Downey, cello; Richard Jesson, piano; and Max Martin, violin, visited high schools in Atchison, Effingham, Horton, Holton, Valley Falls, Tonganoxie, and the Wyandotte, Argon-

time, and Rosedale high schools in Kansas City, Kan., March 17 to 21. H. N. Stapleton was in charge of this trip. This team, accompanied by Kenney L. Ford, alumni secretary, spent March 27 and 28 at El Dorado, Augusta, Hutchinson, and Halstead.

During the week of March 10 to 14 the faculty trio, composed of Horatio Farrar, baritone; Velma Talmadge, soprano; and Ruth Hlavaty, piano, visited Humboldt, Chanute, Fredonia, Sedan, Coffeyville, Oswego, Columbus, Galena, Parsons, and Girard. This team was accompanied by Fred Seaton. On April 4, this team, headed by Kenney L. Ford, will go to the three high schools in Topeka.

A male quartet team with Homer Yoder in charge made trips to Clay Center, Glasco, Miltonvale, Belleville, Marysville, Axtell, Frankfort, Seneca, Sabetha, and Hiawatha.

FREEDOM AND JUSTICE MEANS TO WORLD PEACE

Gopal Singh Khalsa Censors British Rule of India—Recalls Former Prosperity of Country

"The only way to arrive at world peace is to give freedom and to do justice to all the people in the world," said Gopal Singh Khalsa, Indian statesman speaking to a record crowd at the student forum recently. "What America knows about India is mostly propaganda," he continued.

Khalsa is a member of the Indian national congress and a personal friend of Mahatma Gandhi, Indian leader who is, according to the speaker, the accepted leader of India.

"India had the same prosperity 500 years ago that America has today, in fact India was the America when there was no America," Khalsa said. He explained that all of India believed in self government for India but that the leaders differed on just how to obtain it.

"England has governed India for 150 years. The literacy mark before England came in was 40 per cent. Now only eight per cent of the population can read or write," Khalsa asserted. "Great Britain spends 63 per cent of the dollar to maintain the army and navy in India. Only five cents is spent on education."

Khalsa read a statement made by an English statesman, the contents of which expressed the thought that England conquered India by the sword, and in that way must hold her. He says it is the policy of England to keep the masses in ignorance.

MATMEN SIXTH IN NATIONAL—ERRINGTON WINS THIRD PLACE

Oklahoma Aggie Wrestlers Take Another National Title

C. H. Errington, ruleton, champion heavyweight wrestler of the Big Six conference for the past two years, won third in the national collegiate meet held at Pennsylvania State college last week. J. C. Fickel, Chanute, lost a chance to win a third by 10 seconds.

Fickel scored one point by winning a fall in his first match, and Errington added four more to give the Aggies five points and a tie for sixth place. Oklahoma A. and M. won the meet for the third consecutive time. Fickel and Errington were the only K-Aggie entrants.

J. A. Correll Visits

Prof. J. A. Correll, '03, head of the department of electrical engineering at the University of Texas, Austin, spent a few days visiting relatives in Manhattan and renewing acquaintances on the campus recently.

RECENT HAPPENINGS ON THE HILL

The college band will present the assembly program Thursday. Lyle Downey will be in charge.

The K. S. A. C. chapter of the American Veterinary Medical association will hold its annual banquet at the Wareham hotel April 16.

Dean Margaret Justin of the division of home economics gave a series of teas at her home last week-end honoring senior girls in the division.

Patrons of the college cafeteria consume 90 pounds of potatoes, 20 loaves of bread, 35 dozen rolls and six dozen muffins in one day, according to a recent report.

An informal demonstration of daily gymnasium work was given by the women's division of the department of physical education, in the women's gymnasium at 8 o'clock Monday night.

Gertrude Brookens, Westmoreland, has been chosen women's chairman of the Y. M.-Y. W. student conference of the Rocky Mountain region which will be held at Estes Park June 6 to 16.

Reports from the college health department show that 9,979 calls were made to the office last semester. A total of 1,344 physical examinations were made by Dr. C. M. Siever and his staff assistants.

Theta Sigma Phi, journalistic fraternity for women, held initiation March 18 for Bernice Bender, Holton; Vera Crawford, Lincoln; Ruth Helmstrom, McPherson; and Emily Sheppard Thackrey, Manhattan.

A. N. McMillin, head coach of football, spoke at a recent father and son meeting sponsored by Topeka council No. 534, Knights of Columbus. McMillin also was a recent speaker at a Coffeyville father and son banquet.

"Hunting for Fossil Reptiles in South Africa" was the subject of the lecture given by Dr. Alfred S. Romer, professor of paleontology at the University of Chicago, at a meeting of K. S. A. C. chapter of Sigma Xi March 27.

"Every young journalist must begin at the bottom as a cub reporter and work up," said S. R. Robertson, city editor of the Manhattan Chronicle, in a recent talk to journalism students. His special topic was the Associated Press.

First practices for women's intramural baseball and track and field sports were to be held Wednesday afternoon. Girls interested in competition but not members of organized groups will be assigned to independent teams.

Miss Jessie McDowell Machir, registrar at K. S. A. C., will attend the annual meeting of the American Association of Collegiate Registrars which will be held at Memphis, Tenn., April 15 to 17. She will be at the Hotel Peabody.

A girl reserve training course will be held this week end under the leadership of Miss Florence Stone, state girl reserve secretary. This course will be offered to senior women to prepare them for directing high school girl reserve organizations.

The annual inspection of the K. S. A. C. Reserve Officers' Training corps unit will be April 24 and 25. Colonel T. S. Moorman, R. O. T. C. officer for the seventh corps area, with headquarters in Omaha, will be in charge of the inspection, and will be assisted by Major W. C. Koenig, of the unit at Kansas university. Major T. O. Humphreys, stationed at K. S. A. C., will assist in the inspection of the K. U. unit.

Plans 'S' Campaign

Plans for a finance campaign to provide funds for putting the letter "S" beside the giant "K" on Mount Prospect are being made by a committee representing Sigma Tau, honorary engineering fraternity.

LOST, STRAYED, OR—

The alumni association will appreciate having corrections on addresses and news of graduates or former students. Write us.

Earle, Charles W., '90
Earnheart, Marie Edith, '12
Easley, Myrtle Alberta, '12
Ellis, Dora Jean, '12
Ellis, Frank C., '12
Ellis, George F., '25
Ellis, Robert W., '11
Vasey, Mrs. Florence (Embree), '13
Thompson, Mrs. Mina (Erickson), '14
Erwin, Lester E., '24
Farmer, George Louis, '16
Farmer, Lillia Cecil, '11
Fenton, Irene, '13
Gardner, Mrs. Stella (Finlayson), '07
Flora, Jefferson Harold, '17
Flynn, Joseph P., '23

Foltz, Paul Alfred, '22
Foster, Ralph Lloyd, '26
Fredenburg, John, '21
Fulton, Elsie, '22
Gall, Gladys Elizabeth, '18
Gann, Muri, '19
Garrett, Roy Preston, '23
Gearhart, Lloyd, '14
George, Clarence R., '23
Giffin, Charles W., '15
Gougler, Frank Alfred, '15
Graham, Lewis M., '06
Miller, George A., '19
Mrs. Dora (Grogger) Miller, '20
Guild, Florence Gladys, '17

FIRST BASEBALL GAME AT ST. MARYS TODAY

**BARRE OR DOYLE PROBABLE
STARTING PITCHER**

**Keen Competition and Good Practice
Weather Contribute to Team Progress—Initial Home Game With
Baker Next Monday**

Baseball, 1930 variety, will be displayed by the Kansas Aggie team for the first time in a regular game against St. Mary's college at St. Marys today. The first home game will be against Baker university at Manhattan April 7.

H. J. Barre, Tampa, or T. E. (Lefty) Doyle, Manhattan, probably will be the starting pitcher against the Knights, though either A. H. Freeman, Hoxie, or Eldon Auker, Norcat, are also ready to go and may get the starting assignment.

STARTING LINEUP

The starting lineup probably will include W. H. Meissinger, Abilene, catcher; W. R. Peterson, Topeka, first base; T. M. Evans, Gove, second base; Frank Prentup, Fort Riley, shortstop; Captain L. M. Nash, Long Island, third base; R. H. McCollum, El Dorado, left field; Alex Nigro, Kansas City, Mo., center field; and either Delmas Price, Wakefield, or Wallace Forsberg, Lindsborg, right field.

The team starts the season with several close games against the reserves behind it, and an unusual amount of practice because of good weather conditions. Competition has been very keen for all but one or two positions and will continue to be so, contributing greatly to the development of a "hustling" nine. Hitting has been good.

MAY ADD TWO GAMES

Athletic department officials are undecided as to the scheduling of two more games to bring the team's total to the maximum of 18 allowed by the conference. If a Western conference team making a southern training trip asks for games they probably will be added to the home schedule.

Hope of getting two extra games with Nebraska, last year's Big Six champions, has been abandoned, but it now seems probable that the two games scheduled with the Huskers for May 23 and 24 at Lincoln will be transferred to Manhattan on the same dates to avoid having a game in Lincoln during the Nebraska examination week.

The tentative schedule:

April 2—St. Mary's at St. Marys.
April 7—Baker at Manhattan.
April 11-12—Oklahoma U. at Norman.
April 25-26—Kansas U. at Manhattan.
May 9-10—Missouri at Manhattan.
May 16-17—Iowa State at Ames.
May 23-24—Nebraska at Manhattan.
May 27-28—Kansas U. at Lawrence.

FIRST HOME TRACK MEET APRIL 12 VS. OKLAHOMA

**Sooners Have Lost Only One Dual in
Six Years**

The first and possibly the last home track meet of the season will be on April 12 against Oklahoma university.

Only one dual meet has been lost by the Sooners in the last six years, and while K-Aggies have little hope of adding a second defeat to that record several highly interesting individual events will be offered.

Parker Shelby, Big Six champion high jumper, will meet Milton Ehrlich, Aggie sophomore who defeated him at the Texas relays and in turn was defeated at the S. M. U. relays.

Dawson, Sooner distance man and one of the brightest lights of the conference, will race O. L. Toadvine, sturdy Aggie sophomore, in the two mile, and may also meet Captain Miller in the mile.

The Aggie track team will be able to offer good competition in most of the events with the possible exception of the high hurdles and one of the dashes. Harry Hinckley, Barnard, sophomore dash man, is proving a better low hurdler and may run both the lows and either the 100 or 220 dash.

COLLEGE TRAINED JOURNALIST MUST START CAREER AS A CUB

**City Editor Warns Students Against
Rosy Expectations**

"A college degree is an advantage but every young journalist must expect to start at the bottom and get his first real experience as a cub reporter," declared S. R. Robertson, city editor of the Manhattan Morning Chronicle, in a recent talk to K.

S. A. C. freshman and sophomore journalism students.

"Don't go out with the idea of becoming a sensationalist but with the idea of doing something constructive. The profession has something to uphold and a newspaper properly used is truly an institution," explained Robertson.

The speaker said that, although the profession is no "bed of roses," the difficulties are balanced by many pleasant things and the impatience of the city editor only spurs the determined cub on to success.

In the remainder of his talk, Robertson discussed press association work, the organization and staff of the sectional and state bureaus, the method of handling the news, and the organization of the system as a whole.

EHRlich CLEARS BAR FOR NEW JUMP MARK

**Sophomore Jumps 6 Feet 3 1/4 Inches
to Break Record Established
14 Years Ago**

A college high jump record that has stood for 14 years was broken last Friday by Milton Ehrlich, Marion, who jumped 6 feet 3 1/4 inches to win first in the Texas relays at Austin. The previous record of 6 feet 2 inches was set by Captain H. H. Frizzell in 1916.

Ehrlich also holds the college indoor record of 6 feet 1 5/8 inches, set at the Illinois relays.

In winning first in the Texas meet Ehrlich defeated Parker Shelby of Oklahoma university, Big Six champion and holder of the Big Six record. In three indoor meets this year Shelby defeated Ehrlich, each time by a narrow margin. This was their first meeting out-of-doors. Last year, as a freshman, Ehrlich broke the college indoor record and won a letter.

The college four mile relay team, consisting of Toadvine, Miller, Dutton, and Skeen, took third at Austin.

In winning first Ehrlich also defeated Nelson of Butler university, holder of the national indoor record. Five men tied for second at the Austin meet.

At the Southern Methodist university relays at Dallas on Saturday, the day following the Texas meet at Austin, Ehrlich was fourth in the high jump and the Aggie four-mile relay team also placed fourth.

THREE 'COLLEGE' BOYS CHOSEN BY STUDENTS

**Gorrell Biles, Chanute, Elected Joe College;
Barneck and Pratt Picked
As 'John and Jack'**

Selection of Gorrell Biles, Chanute, sophomore in general science, as "Joe College" was announced by the Kansas State Collegian, student newspaper, following an election held last week in recreation center. The election was held to determine which man at the college best represented, in the opinion of the student body, the "typical college man." More than 700 votes were cast.

Alex Barneck, Salina, sophomore in electrical engineering, won second in the race and was announced as "Jack College" while James Pratt, Manhattan, was third and won the title of "John College." The men are members of the Pi Kappa Alpha, Phi Sigma Kappa, and Sigma Nu fraternities, respectively.

Pictures of the trio will appear in the New Yorker section of the Royal Purple, student yearbook.

THIRTEEN CHEM STUDENTS MAKE TOUR OF INSPECTION

**Manufacturing Plants in Three States
Are On Itinerary**

Thirteen chemical engineering and industrial chemistry students are spending most of this week inspecting various manufacturing enterprises in Kansas City, Mo.; St. Louis, Mo.; East St. Louis, Ill.; Alton, Ill.; and Bonner Springs, Kan. They are accompanied by Dr. Wilson F. Brown, associate professor of chemistry.

Those who are making the tour include: K. C. Anderson, Eskridge; G. F. Collins, Emporia; Charles Gerardy, Clay Center; K. J. Latimer, Humboldt; H. W. Loy, Chanute; Ralph Rogers, Madison; Jesse Boehner, Downs; Floyd A. Clayton, El Dorado; Frank Edlin, Herington; Howard Jobling, Caldwell; George Koelling, Talmage; Dan McLachlan, Pleasanton; Marvin Naylor, Manhattan; R. T. Greep, Longford.

CHICK AND EGG SHOW ENLARGES PREMIUMS

**ENTRIES FROM MANY STATES LAST
YEAR**

**Student Publicity Manager Says Aim
of Exhibit Is to Encourage High
Quality Products—E. M. Leary
Is Superintendent**

Those in charge of the 1930 K. S. A. C. Baby Chick and Egg show announce that the premium list has been enlarged this year, particularly for the out of state class for baby chicks and for the commercial egg class. Dates of the show are April 22-25.

Last year, when more than 2,900 chicks and 4,000 eggs were displayed, chick entries came from as far as Oregon, Washington, California, Michigan, and Ohio. This proves that chicks can be shipped long distances and still be in the best of condition after their long ride, according to Theodore Harris, Manhattan, publicity manager of the show.

The show is sponsored by major students in poultry husbandry, Harris explained further. The aim is to stimulate interest in high quality chicks and eggs. He urges poultrymen and hatcherymen to write to the K. S. A. C. Baby Chick and Egg show for further particulars about entries. A catalogue will be sent on request.

Other officers of the student show: E. M. Leary, Lawrence, superintendent; R. F. Brannon, Meade, entry manager; Dale Halbert, Abilene, treasurer; Robert Phillips, Jr., Joplin, Mo., secretary.

THOMSON NEW 'Y' HEAD— OTHER OFFICERS SELECTED

**Wilson, King, and Hill Selected for
Board**

Jay Thomson, Emporia, was chosen president of the Y. M. C. A. at a student election last Wednesday. Russell James, also a candidate for president, lost by only six votes.

Others elected for the year are: Howard Tempero, Clay Center, first vice-president; Don Baldwin, Manhattan, second vice-president; Ted

Skinner, Manhattan, third vice-president; and James Chapman, Collyer, recording secretary.

Dr. H. T. Hill and Dr. H. H. King of the K. S. A. C. faculty, and Jerry Wilson, downtown, were chosen as members of the board of directors. Student members of the board are Fred Seaton, Manhattan; Ray McMillin, Fort Worth, Tex.; Kenneth Grimes, Topeka; Eldon Auker, Norcat; and James Bonfield, Elmo.

ATHLETES AND OFFICERS GO THROUGH INITIATIONS

**'K' Fraternity and Scabbard and Blade
Contribute Variety to Campus
Scenery**

Brawny athletes dressed as flappers and R. O. T. C. sergeants and second lieutenants decked out in all the glory that was Hindenburg's were additions to campus scenery this week as the K fraternity and Scabbard and Blade, honorary military fraternity, conducted initiation week.

Those who are eligible for membership in the K fraternity include: W. W. Chapman, Wichita; Ben Barber, Alton; Joe Fickel, Chanute; G. W. Long, Burlington; H. O. Cronkite, Belle Plaine; E. L. Auker, Norcat; Ralph Vohs, Osawatimie; George Wiggins, Lyons; Gene Livingston, Hutchinson; D. E. West, Hartford; Max Fockele, Ottawa; Alonzo Lambertson, Fairview; Wallace Forsberg, Lindsborg; L. C. Fiser, Mahaska; Frank Prentup, Fort Riley; A. R. Hrab, East St. Louis, Ill.; C. M. Kopf, Beverly; C. E. Nutter, Falls City, Neb.; O. L. Toadvine, Dighton; John Carter, Bradford; Dale Lott, Minneapolis; Gene Holmberg, Kansas City; Milton Ehrlich, Marion; K. L. Backus, Olathe; O. H. Walker, Junction City.

Those being initiated into Scabbard and Blade are: C. C. Parrish, Radium; Dale Suplee, Council Grove; C. M. Rhoades, Newton; W. I. Correll, Onaga; A. L. Reed, Cassoday; Gordon Blair, Junction City; E. L. Andrick, Wheaton; W. W. Daniels, Luray; E. E. Daman, Fort Riley; Fred Storz, Kansas City; and D. E. Price, Wakefield.

PROGRESS OF KANSAS PRESS

F. E. C.

The Leon News will publish its golden anniversary number this month. Historical data will be published together with a great deal of advertising furnished by local merchants. William A. Sears is the editor.

A series of articles entitled "The Art of Self Defense" is appearing in the Herington Sun. With Herington situated near the corners of three or four counties the Sun handles more farm bureau news than the average Kansas weekly. Last week the paper carried farm bureau items for Morris, Dickinson, and Marion counties.

The Holton Recorder now advertises what is called a sensible, legitimate, bona fide business proposition between the Recorder, an insurance company, and subscribers of the paper. To those who have paid their subscription one year in advance or are willing to do so the Recorder will provide, for an additional dollar, a \$5,000 insurance policy covering almost every kind of an accident.

A history of Wilson county as written by the late John Gilmore, Sr., is being carried in the Wilson County Citizen, now managed by John Gilmore, Jr. The history is a very complete story of the development of that section of southeastern Kansas from the time of Indians up to the present. Unique happenings of earlier days are related by the author and much that is of interest to present days residents is described in concise narrative form.

"The daily messages of merchants are as gripping to men and women who buy the necessities of life as society, market, stock, sport, and general news, or serial stories. There are various reasons. One is that advertising now is written and arranged in an attractive style. Advertising has developed and improved along with other phases of the publishing business and almost everything else that concerns the lives of men. Another is that advertising is planned in campaigns designed to meet pecu-

liar conditions of the times, or to arouse an interest effectively. These and other elements of the modern advertising business have put romance into paid publicity and the unnumbered millions of readers are enjoying it—and profiting by it."

—Pittsburg Sun.

The Bonner Springs Chieftain is conducting a city cleanup campaign. Readers send in their suggestions for improvement and the Chieftain publishes them on the editorial page.

One of the most novel and worthwhile features noticed for a long time is that used by the Clay Center Times in relating how various towns of Clay county were named. Each week a story is published about a single village. The editors found it took a lot of work to get all the facts. Usually it is that kind of a story that is most worthwhile.

Did you ever notice the "flags" on the name plate of the Ellis Review? A bundle of wheat is tied with what appears to be a belt and buckle. Over the top of the sheaf of wheat are the words "The Community Club" and through the center of the illustration in large type the word "Ellis." Underneath this is a slogan, "The Buckle on the Wheat Belt." Just a clever little idea for boosting Ellis! The Review, edited by E. F. Gick, has a number of noteworthy features. The paper prints a high percentage of advertising. There is an interesting clipped column from other papers entitled "Along Other Roads," and in the issue of March 27 there appeared an article and illustration of a modern chicken house built by a farmer and poultryman near Ellis. It was another of those good home town paper features illustrated by a cut made especially for the occasion.

Dick Mann who recently joined the staff of the Norton Daily Telegram writes a column of "Mutterings." Dick finds about four good points to mutter about each time the column is printed.

COLLEGE POULTS ARE INCUBATOR HATCHED

**SCOTT EXPLAINS HOW TO FEED
THEM**

**Turkey Farmer Can Easily Lose All
Chance for Profit if Young Birds
Are Moved to Range Before
10 Weeks Old**

That big, healthy turkeys can be incubator hatched and raised "artificially" has been demonstrated by the Kansas State Agricultural college department of poultry husbandry. The bronze turkeys attracted so much attention when farm and home week visitors were on the campus that Prof. H. M. Scott gave a few pointers on how they were raised.

USE VIGOROUS STOCK

The gobblers were an example of what artificial rearing can do. Young poults had been hatched from eggs laid by healthy, vigorous stock. The incubator hatch of turkey eggs is as successful as its hatch of chicks and is generally used instead of hens where large numbers are reared, Professor Scott said. After the hatch, the poults are kept in chick boxes for 48 hours. As they are taken out, their beaks are dipped in warm water before they are put under the hover of the brooder stove. The temperature at first is kept at 96 degrees. Mash in hoppers is before them from the start.

The poults get no grain at this time, but five times a day milk curd or cheese is given them—as much as they will clean up in 10 minutes. They also get tender lawn clippings. Alfalfa would do very well as a substitute, Scott explained. Grit is supplied. The poults are hatched during May so there is plenty of green feed available.

After six weeks, the cheese is dropped from the diet and dried buttermilk substituted. At 12 weeks, three parts of corn and one part of wheat is fed in open hoppers.

As all the ground around the college brooder houses has been in use for chickens, the poults are kept confined in brooder houses until they are 16 weeks old. The brooder houses have board floors covered with straw litter. Heat is reduced gradually until the young turkeys have none when they are eight weeks old.

DON'T RECOGNIZE HOPPERS

Their first chance at a grasshopper comes when they are 16 weeks old and are moved, brooder house and all, to a three acre alfalfa patch. Strangely enough, the seven pound poults do not know what a choice morsel a grasshopper is when they first see it.

The most successful turkey grower is the one who raises the biggest percentage of his poults, according to Professor Scott. No matter how much range a grower may have, it no doubt will pay him well to keep the young turkeys confined until they are eight to 10 weeks old and then use the range if he desires. Otherwise, cold rains, hail, and coyotes (in some localities) will take so many the loss will far overbalance the feed bill. It is estimated that it takes about 4.2 pounds of feed to make one pound of turkey growth, about 34 pounds of mash, and 24 pounds of grain to grow a poult up to 24 weeks of age.

The rations used in feeding the turkeys, first to sixth week—yellow corn, 20 pounds; ground wheat, 20 pounds; meat scraps, 15 pounds; wheat bran, 15 pounds; ground oatmeal, 15 pounds; dried buttermilk, 15 pounds; alfalfa leaf meal, 5 pounds; mineral mixtures, 5 pounds; 2 per cent cod liver oil.

No. 2 ration for sixth to twenty-fourth week—corn meal, 20 pounds; ground wheat, 20 pounds; otona, 20 pounds; bran, 10 pounds; meat scraps, 15 pounds; dried milk, 10 pounds; mineral mixture, 5 pounds; 2 per cent cod liver oil.

Mineral mixture consists of bone meal, 2 pounds; fine oyster shell, 2 pounds; and salt, 1 pound.

Riflemen to Ames

Five Kansas Aggie rifle team members will leave tomorrow by automobile for Iowa State college, where they will fire a shoulder to shoulder match with other members of the Missouri Valley league of the National Rifle association. Those who will make the Ames trip are: Captain E. W. Bennett, Great Bend; D. M. Earl, Nickerson; M. B. Sanders, Marion; P. E. Pearson, Concordia; and Robert Pfuetze, Manhattan.

THE KANSAS INDUSTRIALIST

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Number 26

SWANSON TO LEAVE TO MAKE EUROPEAN STUDY

MILLING HEAD APPOINTED BY U.
S. D. A.

Will Conduct Survey of Utilization of
American Wheats and Flours By Con-
tinental Countries—Absent from
May 1 to September 30

The appointment of Dr. C. O. Swanson, head of the Kansas State Agricultural college department of milling industry, to make a study of the utilization of American wheats in Europe was announced locally this week by Dr. F. D. Farrell, president of the college.

The president said Doctor Swanson's request for a leave of absence from May 1 to September 30 had been approved and that the K. S. A. C. milling head has been hired by the bureau of agricultural economics of the United States department of agriculture to make the study of European wheat needs. The federal farm board had requested that Doctor Swanson be hired to make the study because "the program calls for services of a man possessing technical training and experience."

A DISTINCT RECOGNITION

Doctor Swanson said he did not know as yet the cities or towns in Europe which he would visit but it was assumed that his itinerary would include the leading import towns in the principal European countries. If this is the case, Doctor Swanson's study will take him to various parts of England, France, Belgium, Germany, Switzerland, Italy, and the Scandinavian countries.

The appointment of Doctor Swanson is a distinct recognition for the K. S. A. C. milling head, Dean L. E. Call of the college said. He has built up a department of milling research which is second to none in the world of its particular kind. Minnesota university has the only other comparable plant for milling research and teaching.

WORKING ACTING HEAD

Doctor Swanson took charge of the department in 1923, succeeding L. A. Fitz, who now is principal grain exchange supervisor in charge of the Chicago office of grain futures administration. Doctor Swanson's principal research work has been studies in wheat and flour, mill fumigants and by-products, loss of nitrogen and organic matter in cultivated soils, alfalfa, sorghums and silage, and the nutrition of swine.

During his absence Dr. Earl B. Working, associate professor of milling industry, will be acting head of the department.

"For some time it has been felt that we should know a good deal more than we do in regard to the competition of foreign wheats with our own," Nils A. Olsen, chief of the bureau of agricultural economics, wrote to President Farrell, relative to Doctor Swanson's appointment. "This called for careful and extensive studies of the milling and baking qualities of these wheats."

"I feel sure that we are very fortunate in obtaining Doctor Swanson's services for this assignment because of his broad training and experience in this field. The federal farm board has also expressed a real desire that Doctor Swanson's services be obtained for this study and is pleased that he will be available."

It was recommended that Doctor Swanson spend some time in Washington laying plans for his study and that he consult millers and bakers at every opportunity relative to his study in Europe. It is well known, a letter from the bureau stated, that foreign millers mix wheats from various countries. The proportion used from the various countries is largely determined by the price. Those arranging for the survey feel that it is high time these foreign millers are giving some attention to the quality of wheat they use, with special attention to that grown in the United States.

Mrs. Swanson, whom many K. S. A. C. persons know through her ac-

tivity in the local chapter of the American Association of University Women, will accompany Doctor Swanson on the trip to Europe.

Final Play This Week

"The Nineteenth Hole," final Manhattan Theatre play of the season, will be presented in the college auditorium Friday and Saturday. Added attractions will be the "Manhattans" and "Frankie and Johnnie."

SEATON WINS SECOND IN 'EXTEMPO' CONTEST

Other Aggie Entrants in Pi Kappa Delta Competition Fail to Place

Second place in the national extemporaneous speaking contest conducted at Wichita last week as part of the convention of Pi Kappa Delta was won by Fred Seaton of Manhattan, junior in industrial journalism. Pi Kappa Delta is a national honorary forensic society.

More than 600 delegates attended the convention. Other K. S. A. C. entrants in various contests held in connection with the convention did not survive the preliminary rounds.

EARLY GARDENER GETS FIRST WORMS AND BUGS

Kelly Says It's Better to Kill a Few
in Spring Than to Fight 'em
in Summer

The ambitious spring gardener will do well to prepare himself to fight many beetles and bugs that sooner or later will invade his garden plot, says E. G. Kelly, extension entomologist of the Kansas State Agricultural college. Among the most troublesome insect pests will be the aphids and striped beetle. Professor Kelly's warning concerning these two is to get after the first ones that arrive. They should be fought with a mixture of lime and nicotine sulphate to which arsenate of lead has been added.

Aphids may be found on turnips, sometimes on peas and beans and most always on cucumbers, melons, and canteloupes. The yellow and black striped beetle feeds on the foliage of the melon and cucumber plants. Having spent the winter under trash in the garden and near the melon fields, he emerges about when the aphids arrive. That makes it possible to fight them both at the same time. The best time is when they first appear and before they have damaged the plants. Young plants should be treated with the mixture suggested as soon as they appear above ground. Treatments should be repeated every three or four days for three treatments.

The striped beetle not only feeds on the plants but also lays eggs on the stems at the same time. These eggs hatch in from four to six days into slender, white worms. These worms feed on the roots of the plants and do a lot of damage to the growing plants. These worms mature about the first of July and then the beetles are out for the plants again. It is a far better plan to get the first ones in May than to have to treat the plants in July when the fruits are forming.

Interview Chemists

C. E. Shaw, a former student at K. S. A. C. in 1915 and 1916, and H. S. Warner, representatives of the Humble Oil and Refining company of Texas, were at K. S. A. C. March 31 interviewing Dr. H. H. King and chemical and mechanical engineers for the possible employment by their company of the 1930 graduates of those departments. Shaw is head of the industrial relations department of the Humble Oil company, a branch of the Standard Oil company of Indiana.

A hundred years ago aluminum was a costly luxury. Today it is cheap and a necessity. It cost \$90 per pound in 1855.

SHEEP FLOCK'S PROFIT BEGINS IN PRODUCTION

MUST KEEP THOSE FIRST COSTS
DOWN

Kansas Lamb Raisers Told They Can
Make Money Even With Low Prices
If They Avoid Unnecessary
Losses

If Kansas farmers want to make money consistently on their sheep flocks, they must keep production costs down. That is what more than 200 visitors were told at the third annual K. S. A. C. sheep day at the college last Saturday. The principle is always good, Prof. H. E. Reed, sheep specialist, said, but it is especially applicable now when the market for sheep products is low.

Saturday's program was made up of a series of informal demonstrations at the college sheep barn from 10 o'clock to noon, a roast and broiled lamb lunch, and several talks on various phases of lamb production in the afternoon. Following these talks, Prof. D. L. Mackintosh gave a demonstration in killing and dressing lamb.

THE HEAD OF THE FLOCK

One of the best ways to cut production costs on Kansas farms is to use good purebred rams of the breed liked best by the farmer, Dr. C. W. McCampbell, head of the animal husbandry department, said in opening the morning program. The lower the price of lamb the more need of a good ram, he declared, and A. M. Paterson of the Kansas City Stock Yards company reiterated this statement in his part of the demonstrations.

An ideal ration for ewes of Kansas flocks was suggested by Professor Reed. A half pound of grain, 1½ pounds alfalfa hay, and 2 pounds of silage make up a sufficient ration for the ewes during winter, but there are other points that must be looked after for the best of results at lambing time, Reed explained. For one thing, the ewes must be forced to exercise some, even if the shepherd must drive them a little each day. Unless the ewes are dipped for lice and ticks and dosed for worms the producer will suffer losses from these pests, Reed said. Hence, the wise shepherd will attend to these matters and the best time is before the fall breeding season.

CREEP FEEDING ADVISABLE

The creep feeding plan, often recommended for getting the young lambs started, was explained and given new support by M. A. Alexander of the college. Creeps should be near the places where ewes eat because lambs like to stay close to their mothers. They should be placed in sunny places also to encourage the lambs to frequent them.

The forenoon demonstrations showed how to dock, castrate, and shear. Nothing beats the hot iron cutters for docking, Reed said, and the demonstration proved that the hot iron seared the wound so that scarcely a drop of blood was shed. The hot iron also acts as a germ killing agent.

Shearing was made to seem a simple job, with Tommy Dean, the veteran K. S. A. C. shepherd, working the shears. C. G. Elling, extension animal husbandman, suggested best methods of preparing the clip for market.

HOW TO COOK LAMB

The college pasture program for the sheep flock was explained by C. E. Aubel in a short tour of the pasture lots. Rape, sudan grass, sweet clover soybeans, and rye are used for pasture at the Kansas experiment station.

Mrs. E. W. Stuewe, Alma, described many ways in which she prepares lamb for the table. She makes everything from meat pie to the finest roasts imaginable. She likes the lamb carcass because it is the right size and can be kept and eaten while fresh. She cooks the cutlets by frying in butter after dipping in beaten eggs and rolling in cracker crumbs.

She even cans surplus meat by the cold-pack method.

It is up to the flock owner to study the market needs, Paterson told the visitors. To catch top prices, lambs should weigh 70 to 85 pounds and be fat. The fat or finish is most important because it makes the lamb dress out a high percentage. If the farmer exercises care and studies the market needs, there is no reason why his flock will not yield him a good profit, Paterson concluded.

Reiterating points stressed by other speakers, Professor Reed maintained the Kansas farmer can do a lot to reduce his production costs so that he will not feel the effect of overproduction and low market prices. The good ram, careful handling of the ewe flock, and getting a well finished lamb on the market early is a combination that will pay, he insisted.

Lamb from the standpoint of the packer was discussed by R. M. Watkins, Swift and company, Kansas City, who showed how lamb products are processed and handled by the packer.

SMALL GRAINS MAY BE USED IN PIG'S RATION

Kafir, Milo, and Cane Seed Fairly Good
But Corn Is Old Standby
in Kansas

While corn, combined with tankage or skimmed milk, is the best Kansas grown grain for hogs, other grains such as kafir, milo, and cane seed may be substituted for corn. The Kansas agricultural experiment station has found that corn is about 15 per cent more efficient than kafir or milo; about 50 per cent more efficient than unground cane seed; and about 40 per cent more efficient than ground cane seed.

Experiments show that it pays to grind kafir, milo, and cane seed but does not pay to grind or soak corn for pigs or large hogs. It generally pays well to use pasture with a corn ration for all hogs.

COLLEGE WOMEN'S 'PLAY DAY' AT MANHATTAN ON APRIL 12

Four Kansas Schools Plan to Enter
Representatives

The second annual college play day of the state will be held at K. S. A. C. Saturday, April 12, according to Grace Editha Reed, Topeka, president of the Women's Athletic association.

Four schools are taking part in the event: Kansas State Teachers of Emporia, Washburn, College of Emporia, and K. S. A. C. Sixty girls are expected to attend from the three visiting colleges.

The aim of the play day is to supplement combined activity for competitive meets, according to Miss Reed. A posture contest will be the only competitive event on the program; each school will enter one girl and the winner will be awarded a prize.

All women students of the college are eligible to participate in the play day.

SOPHOMORE DESIGN PROJECTS GIVEN BEAUX ARTS MENTION

Five of Eight Entered Win Honor
Grades

Five of the eight projects, by students in the sophomore design class of architecture, entered in the Beaux Arts Institute of Design competition held in New York City April 1, were awarded the grade of honorable mention.

The projects were designed under the supervision of L. B. Smith, instructor in architecture.

Students whose projects received honorable mention awards are: Clarence Brehm, Wichita; Frank Hartman, Dodge City; Jared Morse, Manhattan; Alden Krider, Newton; Claude M. Rhoades, Newton.

The competition is one of a series entered by all schools belonging to the Beaux Arts group, including universities and colleges throughout the United States and Canada offering degrees in architecture.

SHAKESPEAREAN NIGHT PROGRAM DIVERSIFIED

MANY FACETS OF BARD'S GENIUS
WILL BE DISPLAYED

Dinner Also Will Serve Same Purpose
as All-University Night Elsewhere
—Local A. A. U. W. Chapter Co-
operating With Faculty

President F. D. Farrell will preside at the Shakespeare dinner and faculty rendezvous to be held April 24 in the banquet room of Thompson hall. A diversified program has been planned to reveal the many-sided genius of the bard of Avon, who was not only the most brilliant playwright of that wonderful and stirring Elizabethan era, but also a poet, sonneteer, songster, and profound scholar.

Scenes from two of his plays will be enacted. Mrs. Mary Myers Elliot will read one of his loveliest sonnets. Addresses on Shakespearean subjects will be given by Dean J. T. Willard, Dean Margaret Justin, Prof. H. W. Davis, and Prof. John V. Cortelyou. Shakespeare has also expressed his versatile genius in graceful, lilting songs. Prof. William Lindquist has in his repertoire special musical compositions whose words were the work of Shakespeare and some of these will be given.

This event will also be in the nature of a faculty get-together, similar to all-university night on other college campuses. Every college and university whose graduates are on the faculty roster is desirous of having as complete a representation as possible and there will be a friendly rivalry to see which of the 132 colleges and universities has the best proportional attendance at the dinner.

This faculty rendezvous probably will be an annual affair at K. S. A. C., sponsors of it say. This year it seemed feasible to hold it in April, so the date which is supposed to be near the anniversary of the birthday of William Shakespeare was selected, to provide an appropriate setting for a college function and to inspire an interesting program.

The Manhattan chapter of the American Association of University Women is cooperating with faculty members in arranging this dinner.

LOUISE DAVIS ONE OF TWELVE SELECTED FOR EUROPEAN TRIP

Aggie Sophomore to Make Y. W. C. A.
Pilgrimage

Louise Davis, Nashville, Tenn., a sophomore in the home economics division, has been selected by the national student council of the Y. W. C. A. as one of the 12 women to make the student pilgrimage to Oberammergau, Bavaria, next summer.

The group will sail from New York on the Olympic, June 20, and return September 4. Herr Fritz Beck, one of the organizers of relief work in Germany after the war and director of the Studentenhaus of Munich, has offered to conduct the group to Oberammergau and to take them as his guests to the Passion play which is being given this year for the first time since 1922. Other interesting events of the summer will be the conference of the British student movement at Swanwich, and a week's conference in Paris. All of the European countries will be visited before the group returns to New York in September.

Members of the group include students, graduate and undergraduate, faculty members, and student secretaries from all parts of the United States.

Choose Spring Queen

Cora Stout, Russell, freshman in the home economics division, was elected spring queen at the seasonal frolic sponsored by the Royal Purple Saturday. Miss Stout is a member of Delta Delta Delta sorority. Her picture will be placed in the college yearbook in the same section with Frances Jones, Kansas City, and Vera Smith, Manhattan, fall and winter queens, respectively.

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R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, APRIL 9, 1930

SHAKESPEARE'S WOMEN

It is peculiarly appropriate that April 24, which is supposed to be near the date of the anniversary of Shakespeare's birthday, should have been selected by the Kansas chapter of the American Association of University Women, as an occasion for furthering its aim to encourage scholarship among women, through its fellowship fund. The occasion is the Shakespeare dinner and faculty rendezvous to be given that night in Thompson hall.

No nobler tributes to women are found in all literature than those in Shakespeare's plays and sonnets. In Shakespeare's day, London was a small city, as cities are today; there were in it many remarkable women and Shakespeare observed them to good purpose. They shared in the political and literary life of London. Erasmus, great continental scholar of the reformation, tells us how he was amazed at the freedom, scholarship, and beauty of women in England and he adds, with approval, that "they hospitably favored visitors with kisses." Indeed many of these women whom Shakespeare saw and knew must have furnished him with the inspiration for his feminine characters—for Portia, for Beatrice, for the audacious Rosalind, for gentle Juliet, and for the loving Desdemona.

And it is in one of Shakespeare's most charming women that he furnishes us with the most complete proof that he and not Lord Bacon was the real bard of Avon, though this was lost sight of in the interminable debate that followed the promulgation of that theory.

Lord Bacon was the best lawyer in England and it is inconceivable that he would have had Portia argue the case against Shylock in the manner in which she did. The bond given to Shylock was, as any lawyer would have seen at a glance, void because it contained terms and conditions that contravened the public policy of the state. That whole trial has impressed generations of lawyers as the most transparent farce in all literature, despite its majestic rhetoric.

The fair Portia maintained that the bond was valid and that Shylock was entitled to the penalty it stipulated, and then she proceeded to argue that the Jew was subject to capital punishment for plotting in it against the life of a Christian. Not even dramatic license would have impelled Bacon to concoct anything so ludicrous as to argue that anything could be legal and at the same time a crime. Shakespeare was the monarch of his field, but he was no lawyer.

Vachel Lindsay caught the spirit in which Shakespeare must be read when he wrote:

Horatio took me to a cliff
Upon the edge of things
And said: "Behold a cataraet
Of the thrones of old dream kings."
And I saw the thrones falling
From the high stars to the deep:
Red thrones, green thrones,
To everlasting sleep.
I saw crowns falling
From the zenith to the pit;
Crowns of man's mighty moods
And whims of little wit.
And all the birds of Elsinore
Flew around Horatio's head
And crying said:
"Though all the crowns go down
Hamlet, Hamlet will never lose his crown."

ART

The exhibition of French etchings, which will be in the architecture galleries until Saturday, is raised to unusual heights by works from two of the leading artists in France, and probably the best known figures in the whole art world of today. These artists are Henri Matisse and Andre Derain. They have both been awarded the highest of honors in the art world. Among others they have each been awarded the first prize at the Carnegie Institute International exhibition . . . Derain in 1928 and Matisse several years before that. Henri Matisse is to be one of the judges of that exhibition this year and will be in the states for the first time.

Walter Pach says of Matisse, "No other living man has contributed so much to the solving of the problems which arose in the turbulent period before the war—and so the elementary phrase we use to describe Matisse's drawing is that he has the sense of beauty."

Derain is represented in this exhibition by an extremely fine lithograph of the head of a woman, "Tete de Femme Penchee." This print is composed and drawn most simply but most expressively. It is an outstanding piece of work.

Matisse is represented by two lithographs which are equally good. The reclining figure of the ballet dancer, "Danseuse III," is representative of the artist's fine drawing. The composition is unusual, being of the triangular type with the apex of the triangle down instead of up. In the other print, "Liseuse dans un Interiere," the seated figure of a woman reading in a room, we again get the unusual point of view. This drawing is most excellent and has been reproduced in several magazines. The feeling for the interior of the room is brought out well.

Of the more conservative artists and of the men who do more etching than painting are Maurice Achener and Adolfe Beaufre. "Achen-er is most interested in the poetry of the country road, houses, and trees, and he captures this with a delicacy of feeling and perception that is absolutely unrivaled among modern etchers," says Emily Holmes Coleman.

"Beaufre sees nature and history in the spirit and with the sincerity of a believer. He is a true pupil of Claude Lorraine and Rembrandt," says Armand Dayot.

Beaufre is represented by four fine etchings, "St. Philibert," "Chau-miere Devant le Riviere," and "Aux Approches de Madrid," all show this artist's romantic interpretation of nature. There is a strong sense of dark and light pattern in all these. In "The Trio" we get his fine handling of figures, and he has portrayed these people as true musicians who love their instruments and hang lovingly over them.

Achener has two etchings here; "Geneva et Le Lac" gives to us the fine sympathetic feeling which he has for this sort of subject. The light in the background is very fine while the city in the background is admirably indicated. "Rue des Juifs, Strasbourg," is more of an architectural study and from it we have an opportunity to study Achener's fine handling of houses.

An original pencil drawing by Forain lends admirable prestige to this group of prints. Forain works rather in the tradition of Daumier and is inclined to be ironically bitter at times. "Femme Assise" is a very forceful and bitter study. The directness of the drawing is quite remarkable.

Among the other artists of the less conservative group there are some other outstanding men. "Les Chenes, Lieges," by Dunoyer de Segonzac, is reproduced in the January, 1929, number of "Creative Art." It is a very strong etching by this leader in French art. De Segonzac carries on the tradition in French art to the present day.

Pruna, a Spaniard who recently was comparatively unknown in this country, won the second prize at the Carnegie International in 1928. He is reported to be a pupil of Picasso. His lithograph, "Man and Woman Conversing," has a strong pattern of light and dark with great care of drawing.

Marie Laurencin is one of the best known of the women artists in France. She is represented by two typical etchings, "La Crinoline," and "L'Arliquinne." In both of these we see the doll-like figures with large

black eyes, placed far apart, and without noses. Those compositions of Laurencin's are delightful fantasies which everyone can enjoy.

Laboureur has a rather strikingly simple etching of two figures on the beach in the rain, "La Pluie sur la Plage." This drawing is very chic.

Hermine David has a print here which is full of morose feeling and tragedy. It is a scene at a bull fight, "La Corrida." The rhythms and patterns in it are very striking.

Moreau is a more conservative artist and a fine craftsman. He has two etchings here which are quite excel-

lent. They were to make their home on their farm near Montborne, Wash.

THIRTY YEARS AGO

Howard Rhodes, '96, passed his examination for railway mail clerk in the civil service and was ready to take a position when a vacancy occurred.

The following names of graduates appeared in the roster of officers of the granges of the state: F. E. Uhl, '96; A. B. Dille, '99; and Inez Manchester, '98.

S. C. Mason, '90, professor of bi-

Success Without Education

"Choosing Your Life Work," by William Rosengarten

Attention is frequently called to this, that, or the other man who has apparently succeeded without education. Lincoln, Edison, and Ford are commonly cited as examples. How did these men succeed?

Abraham Lincoln engaged in farming, lumbering, teaching, store keeping, and a great many other things. But while he was doing all these things he was constantly studying and planning to become a lawyer. Frequently thrown off his course by unavoidable circumstances, he nevertheless stuck to his one ambition until he finally succeeded. He never allowed his mind to rest, no matter how weary the body. His entire life was a struggle for education under the most difficult conditions—and it was not until he had acquired this much coveted education that he became successful.

Thomas A. Edison succeeded with practically no schooling. But who can say that Edison is not an educated man? He, too, struggled all his life for an education which could have been obtained much more easily in school. When one speaks to Edison about his genius, he smiles and says that his work is 2 per cent inspiration and 98 per cent perspiration. This is another way of saying that it was through hard work, self sacrifice, and self education that Edison became the great man that he is today. And had he had the education he should have had, his labor would have been materially lessened. He himself is a great advocate of education, but deplors the education that teaches nothing practical.

Then take the case of Henry Ford, who, too, seems to have succeeded without an education. But in his case, as in Edison's, he made up for lack of education by his tenaciousness, hard work, study, and perseverance. Had his genius been based on a liberal education, however, he might have become a great man as well as a rich one, and perhaps have been saved from the many indiscretions into which his lack of education leads him.

Assuming that there are men who have succeeded without education, they are so few, as compared with those who are educated, as to be almost negligible. And the strongest proof of the value of education lies in the fact that every uneducated man of means insists on giving his children the best education obtainable, not only to spare them the hardships which he himself suffered through lack of education, but, what is more important, to enable them to enjoy those finer things of life which only education and culture can make available. It is true that experience is a great teacher, but those who decry the value of education forget that it is through education that all the experience of the past is made available to us today. He must be an egotist, indeed, who would match his own puny, limited experience and intelligence against the accumulated wisdom of all time.

lent. These are "Sisteron vu de Monturri," which is a simple line treatment, and "Une Route du Jura," a good dry-point.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

F. J. Smith, '95, was secretary of the chamber of commerce at Mena, Ark.

Grace Kolterman, '13, was dietitian at the L. D. S. hospital, Salt Lake City.

Mrs. Elva (Akin) Shepard, '05, moved from Onawa, Iowa to Rock Rapids, Iowa.

R. E. Talley, '10, was chief engineer of the electric furnace department of the George J. Hagan company of Pittsburgh, Pa.

TWENTY YEARS AGO

Homer Derr, '00, was elected principal of the Sweetgrass county high school at Big Timber, Mont.

R. S. Kellogg, '96, resigned his position in the forest service and became secretary of the Hemlock and Hardwood Association of the Northwest at Wausau, Wis.

J. B. Peterson, '08, and Carrie York, '09, were married at the home of the groom's sister in Seattle,

ology and horticulture at Berea college, sailed for Europe. He went especially to study forestry methods in the forest regions of Germany, but expected also to visit the Paris exhibition and other places of interest.

FORTY YEARS AGO

Forty-nine students received an average grade of 95 or more in all their studies.

The work of grading Poyntz avenue was going steadily forward, and had reached Fifth street.

Arrangements were being made to test the feasibility of profitably manufacturing sugar from sorghum in this neighborhood, and if the results were satisfactory, a large mill was to be erected.

FIFTY YEARS AGO

George H. Deibler, f. s. in 1886, and Anna P. Mitchell, f. s., of Florence, were married.

A. A. Mills, '89, received a telegram announcing his appointment as assistant to the director of the experiment station of Utah at Logan.

The following students returned to college: G. A. Browning, J. E. Calvin, P. S. Creager, O. G. Harman, W. R. Spilman, Tina Louisa Coburn, Ada Rice, and J. R. McNinch.

REQUEST

Mary S. Hawling in the Stratford Magazine

Give me the power that I may catch
The ecstasy of sky,
And chisel it into a word
For men to measure by.

Give me the strength that I may hold
The singing of the grass
Within a crystal cup of sound,
To comfort those who pass.

And give me fingers that can fold
For every man to look,
The splendor of the blowing trees
Into a shining book.

SUNFLOWERS

H. W. D.

MATRIARCHY

Meet the 1930 model of John Husband, still sometimes playfully known as head of the family.

He has just gone into the bathroom to shave. He reaches for wash cloth and towel and finds a half dozen pairs of silk hose. He caddies around for his shaving cream. It is finally located on the dainty three-legged end-table supporting the antique mirror—"finally" located because it is buried under an avalanche of vanity cases, lipsticks, jars of cold cream and tissue builder, boxes of powder, and bottles of this and that to tint milady. Then he searches with diminishing hope for his shaving brush and after-shaving lotion and the misplaced wash cloth and towel—but why prolong?

John and the wife are entertaining guests. Friends of John's? Well—in a way. Friends by association. You see, the friends John makes out in business and on the golf course are more or less improbable, if not wholly impossible. Their wives are—well, rather peculiar women whom one rarely meets socially, you know. In fact, the wives of John's friends are almost, if not quite, as inconsequential as the bozos Mary's cronies took in for better or worse. But that, of course, doesn't count. The men who come to parties are usually bored to death anyhow. They know little or nothing about the trend of things in the feminine world, they never read the society page, they prefer comfortable furniture to antiques, and are concerned with inconsequential things like business and politics and outdoor sports.

John has lost all his interest in the home. He doesn't half appreciate the way Mary has fixed it up for him and the members of her three afternoon card clubs. It is really perfectly darling, but he, poor brute, doesn't even thrill to the beautiful orchid reading lamp (a birthday present) placed in his own bedroom—all merely because it doesn't give enough light to see by. Sometimes he actually grows irate, and makes a fool of himself arguing that comfort and convenience should weigh as much as artistic effect and vogue. He doesn't suspect he is the most antique thing in the up-to-the-latest-sale home.

Poor John Husband also makes himself ridiculously funny by swearing the very food he has to eat has been feminized. He fears that steaks and roasts have gone out for good and that silly side dishes have gained an importance they will never relinquish. He can foresee no end to this age of lettuce leaves in which we flounder.

John is unfortunate too in his inability to accommodate himself to the intellectual tone of family conversation so good nowadays. He has lost out completely on the names of garments women wear, he is stupefied by the scoring schedule in contract bridge, he doesn't enjoy operations, and he isn't enthusiastically interested in the marital misfortunes of other people. Mary nags him now and then about his indifference, but he seems unwilling or unable to snap out of it.

Saddest of all is that John Husband has allowed himself to grow cynical about the benefits of what was originally intended to be just equal rights for women. While there is as yet little evidence of open rebellion on his part, his cynicism is ominous and may eventuate in abrupt senile dementia with "Home, Sweet Home" as the theme song.

The wicked are wicked, no doubt, and they go astray and they fall, and they come by their deserts; but who can tell the mischief which the very virtuous do? —Thackeray.

AMONG THE ALUMNI

Vergie McCray, '11, is a foods teacher in William Chrisman high school, Independence, Mo.

Florence Mirick, '20, has charge of the food unit of the women's dormitory at Terre Haute, Ind.

Thomas Storey, '21, is a sales engineer with the Citizens Gas and Fuel company, Adrian, Mich.

James W. Pryor, '22, is a teacher of machine shop practice at Lincoln university, Jefferson City, Mo.

Mabel McClung, '29, is head of the ready-to-wear department of the R. H. Macy store, New York City.

R. L. Hamilton, '22, is employed by the Santa Fe Railway company and is located at Albuquerque, N. M.

Bly Ewalt, '21, has a position in the Williamsport hospital, Williamsport, Pa. She is a dietitian and also teaches in the nurses' school.

Frank A. Gougler, M. S. '15, is head of the produce marketing division of the Illinois Agricultural association, 608 S. Dearborn street, Chicago, Ill.

Forest Courter, '05, and Anna (Tolin) Courter, '07, were recent campus visitors. Mr. Courter has been in the Methodist ministry nearly all the time since graduation. He is at present pastor of the Methodist church at Palco.

FRANCES WAGNER, '29, IS STUDENT DIETITIAN

Buffalo City Hospital Work Proves Absorbing to Former Alumni Office Assistant

Frances Wagner, '29, who was assistant secretary in the alumni office in her undergraduate days, writes as follows to Dr. Martha Kramer from Buffalo, N. Y.:

Perhaps you would be interested in knowing, for the benefit of some of the other girls, how I like my student dietary course at the Buffalo city hospital. I am really very much in love with it. At the present time I am the only student dietitian, but there are five other dietitians. Just now there are about 900 patients here and about 100 special diets. I have been in the diet kitchen since my arrival and November first will go to the main kitchen. After that I will be sent to the cafeteria, where all employees eat and about 1,500 meals are served daily.

Student nurses do all the actual preparation of the food for the special diets in the diet kitchen and we supervise them and teach them some of the fundamentals of food preparation and serving. Besides that I am responsible for the writing of most of the special diets and the daily meat and grocery order. The hospital employs a purchasing agent who buys, and our orders are filled from a storeroom.

All food is prepared in a central kitchen and sent out on trucks to each ward kitchen, from which it is served by maids with nurses supervising. During the serving period some dietitian visits each kitchen to check on food waste and appearance of trays. A different menu is used in the cafeteria from that being served in the wards that particular meal.

Miss Ursula Senn, '21, is certainly a lovely person; everyone told me she would be. She is so human that it is a pleasure to work for her. Any time there is an interesting lecture she is glad to let us off duty to go. I have attended several of the medical student classes, as well as lectures given during medical and nurses' conventions held at the hospital. I have not found the work so fatiguing. I usually work the 8:30 o'clock in the morning to 5:30 shift, with a half hour for breakfast and half-hour for lunch.

Martha Sandeen, '29, finished her course just as I began and accepted a position as dietitian in Huyler's tea room here in Buffalo. Miss Lola Brethour, '13, is manager of Huyler's and incidentally made the largest profit of any of their managers throughout the country during the past year. She is an unusually successful business woman. Miss Ethlyn Sandborn, '10, is one of the managers of the Russett cafeteria here. I like the city of Buffalo very much and the surrounding country is beautiful.

Cleaver at Urbana

Thayer Cleaver, '28, is employed by the bureau of public roads, United States department of agriculture, on European corn borer control work. At present Cleaver is stationed at Urbana, Ill., where he is representing the bureau of public roads in a co-operative project between the division of agricultural engineering, bureau of public roads, and the farm mechanics department of the University of Illinois.

TWO K. S. A. C. GRADUATES RUN WICHITA CAFETERIAS

Miss Annamæ Garvey Is General Director—Mrs. Ruth (Gilbert) Burns at East High

A total of 2,800 students are served deliciously prepared foods every day, cooked under the guidance of Mrs. Ruth (Gilbert) Burns, manager of the cafeteria at Wichita high school, east, at Wichita, and Miss Annamæ Garvie, general cafeteria director for the city.

Both Mrs. Burns and Miss Garvie are graduates of K. S. A. C., having majored in institutional management while here. Miss Garvie was graduated in 1918 with her B. S. in home economics. In addition to her work at K. S. A. C. Miss Garvie has had postgraduate work in institutional management at the University of Chicago. For seven years Miss Garvie was manager of the high school cafeteria in Wichita. During that time two new high school cafeterias have been planned and put into service. This year the board of education decided to make her general cafeteria director for the city. In this new work Miss Garvie supervises the management of the cafeterias in the four intermediate schools and those in the two high schools.

Mrs. Ruth (Gilbert) Burns received her B. S. in home economics in 1914 from K. S. A. C. As an assistant manager to Miss Garvie in the East high school cafeteria, Mrs. Burns worked for four years. At the time of Miss Garvie's promotion Mrs. Burns was advanced to the position of manager of the large East high school cafeteria. She has Miss Ellen Hibbard, a graduate in home economics from Nebraska university, as her assistant this year.

Another graduate of K. S. A. C. is in charge of the second high school cafeteria in Wichita. She is Miss Medrith Droll, who obtained her B. S. in 1924. After graduation Miss Droll was in charge of the Y. W. C. A. established at Wichita and later at Richmond. When she returned to Wichita she was made manager of the cafeteria at Wichita high school, north. —Home Economics News, K. S. A. C.

'Tens Will All Be at Twenty-Year Reunion In Flesh or Spirit, They Write McCampbell

Dr. C. W. McCampbell, '10, sent out a letter some time ago to his classmates inviting them to return to K. S. A. C. for their 20-year reunion this commencement, May 25 to 29. Present indications are that the '10's will have a large representation of their class back this year.

A few of the letters received by Doctor McCampbell follow:

"Your letter of October 10 has been on my desk—in fact I think I have read it three times and that is a good deal for a pastor of a church of more than 650 members who is just getting acquainted with his people. But I wanted to say, 'Sure, I'll be there,' so bad that I kept putting off writing the 'I can't say at this time.' But it's better to say that than nothing, and now it's said. However, I shall try to keep the event in mind and if possible get that way for commencement. Keep the good work going and I'm sure there will be a good representation of 'teners' on the hill next spring.

"We moved to Canon City to become pastor of the First Presbyterian church on the first of November." Reverend William M. Orr, 702 Greenwood avenue, Canon City, Colo.

"Thanks for the snapshot of the '10 tree. It surely has made a remarkable growth.

"I don't know of anything I would rather do than be in Manhattan next commencement but I'm afraid it will be impossible. Having been blessed with a family of three boys and three girls it keeps me pretty busy providing for them, and being one of those persons who believe a fortune can be

ALASKAN SUMMER FINE BUT FOR MOSQUITOES

FLOWER AND VEGETABLE GARDENS UNUSUALLY LUXURIANT

Kitty (Faulconer) Graves, f. s., Reports Variety of Experiences in Land and Sea Travels With Husband, Who Is Territorial Veterinarian

The following excerpts are from a letter dated November 1, 1929, from Mrs. Earl Graves. Mrs. Graves was Kitty Faulconer, f. s. Since her marriage in 1928 she has been living in Alaska. Doctor Graves, '22 and '27, is the official territorial veterinarian of Alaska. His work in the study of various diseases of fur-bearing animals takes him to all parts of Alaska. The letter is as follows:

We left Juneau, our headquarters, last May and have spent the entire time in the interior and western part of Alaska. We made the trip last spring on the S. S. Aleutian. Forty hours after we left her she struck a rock and sank in seven minutes. Only one life was lost, due to the fact that there were very few passengers aboard at the time of the wreck. We are thankful we were spared such a harrowing experience—besides, we would have lost all of our luggage.

HEAD NETS NECESSARY

The summers in the interior of Alaska would be very ideal if it were not for the mosquitoes and bugs. Everyone said the mosquitoes were the worst this summer they had been in the history of the country, but we think that was just an alibi. They are terrific every year. We wore head nets constantly, and at times the bugs would be settled on them by the hundreds and hundreds. People can protect themselves from the pests, but the animals have a pretty tough time.

I wish you could have seen some of the wonderful gardens we have seen this summer. I have never seen such splendid carrots, cabbage, peas, head lettuce, strawberries, etc. We measured some strawberries that were more than seven inches in circumference and I had my picture taken with a rutabaga which weighed 15 pounds. The vegetables are all very sweet and crisp, due to the rapid growth and cool climate. The flowers in this country are so much more brilliant than the ones in Kansas, it seems. Maybe I imagine this, but I have heard many tourists say the flowers were brighter and more luxuriant than any they had ever seen.

We still spend a large portion of our time on the water and I don't seem to be as good a sailor as I was last year. Even at that, I get along

better than my husband; he is seasick most of the time.

We have to go to many out-of-the-way places where the large boats do not travel; to reach these places we have to charter a small boat. We had one chartered from the middle of August to the middle of September for travel in the Cook inlet country. Our boat was clean and convenient, the skipper was congenial, the weather was ideal, so in all we had a fine time. I got to try out my culinary skill those four weeks. I presided in the galley as chief cook and it was lots of fun. Tomorrow we leave on a chartered boat for a two weeks' cruise among the islands of Prince William sound.

I have been trying to learn all I can about fur while I have the opportunity. I saw a silver fox pelt that brought \$800 this summer and many others that brought \$500 and \$600. That seems like exorbitant prices to pay for one skin. Mink has been bringing huge prices the past winter; a mink coat would run into real money. I think the prettiest fur of all is the Alaska martin, though. I am more enthusiastic about the fur production game the more I see of it.

ONCE A BOOM TOWN

We are now in Valdez and it is the most desolate little town you could imagine. It had a boom in the days of '98, but since then it has died a natural death. All of the buildings are in a state of decay and ruin. I think this little village is famous for its deep snows. Every winter the inhabitants are snow-bound for long periods. Last winter school was dismissed for two weeks; the houses were banked to the second story, and for a while the snow was eight to 10 feet on the level. The snow stays on until late spring and the people certainly tire of it.

The short days are with us. It is quite dark at 4 o'clock in the afternoon. And on cloudy days we have to have a light all day long. But they will be much shorter about Christmas time. Everyone in Alaska seems to dread the short winter days but how they do enjoy the 24 hours of sunshine in the summer. —Home Economics News, K. S. A. C.

Address Electricals

E. T. Mahood, engineer for the Southwestern Bell Telephone company at Kansas City, Mo., spoke recently to the electrical engineering students at their seminar meeting. Mahood discussed valuation, depreciation, and deterioration as applied to public utilities. His talk was illustrated with numerous lantern slides.

LAND OF "THE ENEMY"

The Germans—our enemies—how foolish! Why, they were so much like the people next door back home, and even their names were the same. They were very friendly, and somehow A. G. (American Girl) felt more at home on their streets and in their hotels than in those of one or two of the allied countries. So a dozen more unfamiliar reactions to the war were recorded in rapid succession!

Business seemed of much importance in Germany—for the first time in Europe. In England business men seemed to work because they liked to "go to business," and because they had inherited "shops." In Belgium people worked individually, but in Germany they worked together, and efficiently—just as they did in business back in U. S. A.

German women were kindly, pleasant—ever motherly, and excellent cooks—the hotel table d' hôte bore witness to that—but certainly they fell short of the standards of smartness in dress as set by the American women.

The trip up the Rhine was like a day in fairyland—surely elves and sprites would welcome homes in the lovely terraced fields, or in the emerald-green courtyards of stately castles!

On a trip to the Black forest, A. G. discovered that real farmers actually cultivate real farms with the aid of oxen and wooden plows! She also found that Baden Baden was a far more luxurious, if less blaring, health resort than the one to which her dad pinned his faith back home. —"Impression of an American Girl in Europe," by Vesta Duckwall, '28, in the Alpha Xi Delta.

The transatlantic calls by phone now average 70 per day. Three years ago they averaged only 10 each day.

RECENT HAPPENINGS ON THE HILL

The homeward-bound faculty member walks briskly these days in his anxiety to see how much the radishes have grown during his absence.

The campus name contest will close next Tuesday, April 15. At this time the committee will select the winning name and award the \$25 prize.

An informal demonstration of class work in the department of physical education for women was given last Tuesday evening in the women's gymnasium.

Materials have arrived for the new college greenhouse that will be constructed to replace the old one. Work will be started as soon as the danger of a killing frost is past.

The women's debate team, made up of Helen Mangelsdorf, Atchison, and Gladys Schafer, Del Norte, Colo., will meet a team from the University of Kansas at Lawrence today.

A band concert was given by the college band under the direction of Lyle D. Downey, assistant professor in the department of music, at general student assembly last Thursday.

Out of a senior class of 60 in electrical engineering, only 14 men have not received offers of positions from electrical companies. Only two of those 14 have more than a C average.

A campaign for funds to pay for the construction of a concrete letter "S", to be built in line with the "K" on K hill by members of the engineering division, was opened Monday morning.

Dr. H. T. Hill, head of the department of public speaking, gave a speech on "Public Speaking As An Art," at the closing banquet of the national Pi Kappa Delta convention at Wichita last Friday.

Dean L. E. Call of the division of agriculture is making a tour this week of the branch experiment stations at Hays, Colby, Tribune, and Garden City for the purpose of studying the needs of the stations.

The annual short story contest which is being sponsored by Quill club will close April 15. Several stories have been entered in the contest, according to Prof. Ada Rice, of the department of English.

The annual junior-senior prom will be held at the Wareham ballroom this Friday. At this time the shepherd's crook will be handed down from the senior president to the president of the junior class.

Ernest Pence, 2 1-2 years old, son of Mr. and Mrs. R. O. Pence, 917 Kearney street, left home one day last week on an adventure tour and was found in Fairchild hall by Dr. J. E. Ackert. His father is an instructor in the department of milling.

Prof. L. R. Quinlan of the department of horticulture has charge of a campaign for better yards and gardens in Manhattan. The Manhattan Garden club, of which Professor Quinlan is president, is sponsoring a contest as a feature of the campaign.

New officers of Mu Mu chapter of Mu Phi Epsilon, national honorary music fraternity for women, were elected March 23. Maxine Brown, Manhattan, is president; Ruth Hartman, Manhattan, is vice-president; Lesta Lawrence, Abilene, is secretary; and Edna Findley, Manhattan, is treasurer.

Prof. W. E. Davis of the department of botany is the author of two articles recently published in the American Journal of Botany. The articles deal with stages in the development in the seeds of the cocklebur and ragweed. The article dealing with ragweed is the joint contribution of the Boyce Thompson Institute of Plant Research, Inc., Yonkers, N. Y., and the K. S. A. C. department of botany and plant pathology.

The persecution of Columbus didn't keep the earth from being round. Ideas in no way change the facts of nature.

AGGIES DEFEAT BAKER IN INITIAL HOME GAME

SCORE 9 TO 4—SIX RUNS OVER IN BIG FOURTH

Freeman Pitches No-Hit Baseball for Five Innings—Meissinger and Nash Have Big Days at Bat—Play Oklahoma Friday

A 9 to 4 victory over Baker university was scored by the Kansas Aggie baseball team in the first home game of the season Monday. Fifteen men were used by the Aggies, the team finishing the game with only three starting players in the lineup.

A. H. Freeman, who pitched the first five innings, held the Bakerites hitless and struck out six men. A run was scored against him in the first inning on a walk, two sacrifices, and an error. Eldon Auker, sophomore, pitched the last four innings against the Methodists and fared well except in the eighth, when Baker scored three runs on two singles, a double, and an error, all made after two were out.

In the big fourth inning the Aggies scored six runs. Prentup singled, Nash did likewise, and Nigro doubled them home, going to third on the throw-in. McCollum bunted Nigro home and was safe at first, then stole second. Peterson reached first on an error. Meissinger then singled McCollum home, Peterson going to third and Meissinger to second on the throw-in. Freeman fanned, but Forsberg bunted Peterson home and was safe at first. He was out stealing second. Evans made the third out.

Captain Nash got a single, double, and triple out of three times up, and Meissinger hit three for three.

The Aggies meet Oklahoma at Norman Friday.

The box score:

KANSAS AGGIES										
	AB	R	H	P	O	A	E			
Forsberg, rf	3	0	1	0	0	0	0			
Prentup, ss	3	1	1	2	3	1				
Evans, 2b	4	0	0	0	4	1				
Nash, 3b (Capt.)	4	2	3	1	1	0				
Nigro, cf	3	1	1	2	0	0				
McCollum, lf	1	1	0	1	0	0				
Peterson, 1b	3	1	0	7	0	0				
Petty, 1b	1	0	0	2	0	0				
Freeman, p	2	0	0	0	1	0				
Meissinger, c	2	3	3	9	1	1				
Bell, rf	2	0	0	2	0	0				
Price, cf	0	0	0	0	0	0				
Fiser, lf	1	0	0	0	0	0				
Smith, c	0	0	0	1	0	0				
Auker, p	1	0	1	0	1	0				
Totals	31	9	10	27	11	3				

BAKER										
	AB	R	H	P	O	A	E			
Cordrey, lf	3	2	1	2	0	0				
Briggs, cf	3	1	2	2	0	1				
Shinkle, rf	3	0	1	2	0	0				
Barre, 1b	4	0	1	12	0	0				
Wilkinson, 3b	4	0	0	0	1	0				
Sell, ss	4	0	1	0	5	0				
Reasser, 2b	3	0	0	1	2	1				
Peterson, c	3	0	0	5	0	0				
Zabel, p	1	0	0	0	0	1				
Flanner, 1b	1	0	0	0	0	0				
Romig, p	1	1	0	0	1	0				
Totals	30	4	6	24	11	4				

* Hit for Reasser in ninth.

W. A. A. ELECTS NEW OFFICERS. PICKS CONFERENCE DELEGATES

Ruby Nelson and Grace Reed to Ann Arbor

Members of the Women's Athletic association met Thursday, April 3, and elected officers for the coming year.

New officers are: Ruby Nelson, Jamestown, president; Helen Van Pelt, Beloit, vice-president; Effie Rasher, Solomon, secretary; Vera Walker, Wakeeney, marshal; Helen Wyant, Topeka, treasurer. Sport managers elected are: Hazel Forbes, Eureka, hockey; Norma Koons, Sharon Springs, volley ball; Betty Wagstaff, Topeka, tennis; Vada Burson, Manhattan, archery; Eleanor Wright, Concordia, swimming; Charlotte Remick, Manhattan, dancing; Esther Hobson, Kingman, horse-shoes; Mildred Purcell, Manhattan, field and track; Inez King, Junction City, assistant hike manager; and Helen Laura Dodge, Manhattan, rifle.

Ruby Nelson and Grace Editha Reed, Topeka, were elected delegates to the American Conference of Athletic College Women held at Ann Arbor, Mich., April 24 and 25.

AGGIE TEAMS VICTORIOUS ON BOTH LINKS AND COURT

Golf and Tennis Teams Score Sweep Over St. Mary's

Victories over the St. Mary's college golf and tennis teams opened the Kansas Aggie season in both sports at Manhattan April 3.

A two-man Aggie tennis team defeated the Knights in both singles and doubles; and a two-man golf

team did likewise, the tennis score being 3 to 0 and the golf 9 to 0.

A four-man golf team, made up of Lott, Holmberg, Major Bliss, and Don Wiggins, played at St. Mary's Tuesday, and a tennis team also played. Friday the tennis team will meet Washburn at Topeka.

The summaries:

TENNIS

Singles—Captain K. J. Silverwood, Aggies, defeated Zerschel, St. Mary's, 6-2, 6-4. Winston Grigg, Aggies, defeated Heffernan, St. Mary's, 6-2, 6-1. Doubles—Silverwood and Grigg, Aggies, defeated Zerschel and Heffernan, St. Mary's, 3-6, 6-0, 6-0.

GOLF

Singles—Dale Lott, Aggies, defeated Henry Quigley, St. Mary's, 3 to 0. Eugene Holmberg, Aggies, defeated Bob Buff, St. Mary's, 3 to 0.

Pair—Lott and Holmberg, Aggies, defeated Quigley and Buff, St. Mary's, 3 to 0. Individual scores were: Lott, 73; Holmberg, 74; Quigley, 79; Buff, 85.

COLLEGE 'K' WINNERS HAVE RECOGNITION DAY

Wearers of Honor Athletic Letters in All Sports Introduced at Student Assembly

A total of 151 Kansas Aggie athletes were introduced to the student body at a recognition day program before general student assembly recently. A. N. (Bo) McMillin, head coach of football, presided in the absence of M. F. Ahearn, director of athletics. Coaches of the various sports introduced the letter men of each group.

Those included in the "K" list are: Basketball—C. D. Richardson, captain, Hugoton; Alex Nigro, captain-elect, Kansas City, Mo.; E. L. Auker, Norcatur; H. O. Cronkite, Belle Plaine; R. F. Vohs, Oswatomie; K. J. Silverwood, Ellsworth; A. H. Freeman, Hoxie; G. S. Wiggins, Lyons; P. E. Fairbank, Topeka.

Football—A. H. Freeman, captain, Hoxie; Alex Nigro, captain-elect, Kansas City, Mo.; E. L. Auker, Norcatur; K. C. Bauman, Salina; William Daniels, Luray; C. H. Errington, Ruleton; Marion Evans, Gove; L. C. Fiser, Mahaska; A. R. Hrab, East St. Louis, Ill.; Ray McMillin, Fort Worth, Tex.; Alfred Meyers, Merriam; W. H. Meissinger, Abilene; Frank Prentup, Fort Riley; Alvin Stephenson, Clements; C. O. Tackwell, Manhattan; William Towler, Topeka; H. R. Weller, Olathe; George Wiggins, Lyons; James Yeager, Bazaar; L. H. Norton, Kalvesta; Price Swartz, Everest; C. A. Tucker, Ottawa.

Freshman football—D. C. Barnett, Goodland; G. H. Brummer, Tipton; D. F. Beach, Chanute; F. A. Cain, Chanute; L. H. Dalton, Fort Scott; E. J. Deters, Cawker City; O. H. Dilsaver, Kensington; R. E. Eberle, Emporia; R. H. Gump, Abilene; Jack Going, Topeka; G. R. Harsh, Oil Hill; G. L. Hasler, El Dorado; R. B. Helming, Ames, Iowa; W. W. Hawks, Holton; J. C. Hofess, Mexico, Mo.; J. P. Kesler, Overbrook; R. A. Lang, Denver, Colo.; R. E. Marken, Topeka; L. W. Michael, Lawrence; L. Morgan, Hugoton; E. F. Morrison, Colby; J. Reever, Parsons; A. H. Ryan, Chillicothe, Tex.; L. L. Smelser, Manhattan; R. C. Smith, Salina; O. Snyder, Manhattan; G. R. Socolofsky, Tampa; K. A. Walker, Glen Elder; C. L. Woodard, Waterville; N. C. Lewis, Topeka; E. C. Daniels, Westfall; E. F. Davidson, Madison; A. C. Reicherter, Silver Lake; L. J. Schulze, Beloit; J. C. Silverwood, Waterville; W. Zecker, Alma.

Tennis—Kermit Silverwood, Ellsworth, captain and captain-elect; E. H. Bredehoff, Manhattan.

Swimming—C. M. Rhoades, captain; Newton; A. D. Buckmaster, Manhattan; E. C. Livingston, Hutchinson; D. E. West, Hartford; Max Fockele, Ottawa; Alonzo Lambertson, Fairview.

Wrestling—K. J. Latimer, Humboldt; S. E. Alsop, Wakefield; C. H. Errington, Ruleton; Ben Barber, Alton; J. R. Warner, Whiting; Joe Fickel, Chanute; G. W. Long, Burlington.

Golf—Dale Lott, Minneapolis; Eugene Holmberg, Kansas City; Ben R. Remick, Manhattan; Gerald Smith, Manhattan.

Track—T. F. Winburn, captain, DeKalb, Mo.; H. S. Miller, captain-elect, Kansas City; George Lyon, Manhattan; J. E. Smith, Woodward, Okla.; G. C. Livingston, Hutchinson; E. G. Skeen, Eskridge; L. A. Will, Denison; C. E. Nutter, Falls City, Neb.; C. M. Kopf, Beverly; O. H. Walker, Junction City; Milton Ehrlich, Marion; C. N. Hinkle, Lucerne.

Cross country—H. S. Miller, captain, Kansas City; O. L. Toadvine, captain-elect, Dighton; K. L. Backus, Olathe; H. S. Gile, Scandia; J. R. Carter, Bradford; John Hoynes, Salina.

Baseball—K. M. Ward, captain, Elmdale; L. M. Nash, captain-elect, Long Island; William Towler, Topeka; W. H. Meissinger, Abilene; Wallace A. Forsberg, Lindsborg; T. M. Evans, Gove; Alex Nigro, Kansas City, Mo.; R. H. McCollum, El Dorado; A. H. Freeman, Hoxie; H. J. Barre, Tampa; T. E. Doyle, Manhattan; C. V. Conger, Ionia; Glen Gilbert, Olathe.

Intramural high point men—Frank Prentup, Fort Riley; N. T. Lindbloom, Cleburne; R. B. Smith, Herington; H. A. Elwell, Hutchinson; N. T. Dunlap, Berryton; R. L. Scott, Le Loup; H. G. Bobst, Almena; L. J. Burghart, Chanute; A. C. Hadley, Wichita; W. K. Grigg, Abilene.

Freshman basketball—Harry Hasler, captain, El Dorado; Perry Course, Abilene; Lloyd Dalton, Fort Scott; G. R. Harsh, Oil Hill; E. R. Kennedy, Chase; E. F. Morrison, Colby; Lee Morgan, Hugoton; P. Rayback, Goodland; Andy Skradski, Kansas City; H. A. Steiger, Menlo; R. E. Teter, El Dorado; W. E. Teichgraber, Osage City; Russell Smith, Manhattan.

Women's "K"—Frances Wagar, Florence; Mary Belle Read, Manhattan; Wilma Jennings, Little River; Ruby hattan; Helen Van Pelt, Elloit; Mina Nelson, Jamestown; Jo Johnston, Man-Skillin, Frankfort; Effie Rasher, Solomon; Grace Editha Reed, Topeka; Leone Wilson, Wichita.

You can't make your dreams come true by sleeping overtime.

DAIRY STUDENTS WILL COMPETE ON SATURDAY

TO VIE FOR ANNUAL JUDGING HONORS

Dairy Club Sponsors Yearly Contest in Which Material for Varsity Teams Is Studied—Two Divisions of Contest

The annual students' dairy cattle judging contest will be held Saturday afternoon, April 12, beginning at 1 o'clock. All students in the division of agriculture are eligible to enter the contest, which is sponsored by the K. S. A. C. Dairy club. The purpose of the event is to summarize the year's work in dairy judging, and to get information about candidates for future dairy judging teams.

Eight classes of dairy cattle, including a class of cows and a class of heifers of each of the four major breeds, will be judged in the contest. Reasons will be taken on the cow classes. The contestants will be separated into two divisions. Those who have taken or are now enrolled in the advanced course in dairy judging will enter the senior division, in which oral reasons will be given. All other entrants will be eligible for the junior division, which will give written reasons. A silver trophy cup will be given to the winner of each division.

About 30 prizes in addition to the cups are being offered in the contest. Awards will include a lifetime desk pen set for the high man, medals, breed trophies, canes, knives, and books. All students entering the contest will be excused from their Saturday afternoon classes. Nearly 100 entries are expected, according to R. W. Stumbo, president of the dairy club. Members of last fall's dairy judging team will supervise the contest. They are, beside Mr. Stumbo, Walter Powers, Howard Bradley, and John Wilson.

NEW BROAD JUMP MARK SET IN ALL-AGGIE MEET

Bliss Jumps 22 Feet 7-8 Inch in Varsity-Freshman Track Dual—Score Close

Breaking of the varsity broad jump record by Major Bliss, Minneapolis, featured the annual freshman-varsity outdoor track meet held in the stadium last Saturday. The varsity won 77 to 54.

Bliss jumped 22 feet 7-8 inches. The former record was 22 feet, set by Ambler in 1912.

The freshmen offered unusual competition, placing in every event except the 120-yard high hurdles and the javelin throw. H. A. Elwell, Hutchinson, improved the varsity outlook in the 100 and 200 yard dashes somewhat by winning the first in 10.1 seconds and the second in 22 seconds. Harry Hinkley, Barnard, won the low hurdles in 25.1 seconds and also made his first attempt at the highs, placing second to A. D. Fornelli, Cherokee.

Performances of Edie and Philip, freshmen 440 yard dash men, and the three varsity javelin men, were other features of the meet. Cronkite won the shot with a toss of 41 feet 6 1-2 inches.

Oklahoma Here Saturday

Oklahoma university's track team will meet the Kansas Aggies in a dual meet on Ahearn field, Memorial sta-

dium, next Saturday afternoon. The Sooners bring one of the best balanced track teams in the conference, though their squad is not expected to be as strong as that of last season. Results of the freshman-varsity track meet last Saturday indicate that the Aggie varsity will be able to furnish competition in every event.

FIRST BASEBALL GAME TO WILDCATS, 3 TO 1

Aggie Baseball Team Defeats St. Mary's College in Well-Played Exhibition

In an opening game which had much of the flavor of a mid-season encounter about it, the Kansas Aggie baseball team defeated St. Mary's college at St. Marys last Wednesday, 3 to 1.

Timely singles by Captain L. M. Nash drove in all three Aggie runs. In the third inning Henry Barre, starting pitcher, singled and went to third on a double by Marion (Mick) Evans, last year's shortstop who is now playing second.

Prentup was hit, filling the bases. Nash then singled, scoring Evans and Barre, Prentup going to third and Nash to second on the throw-in. Nigro fanned and McCollum flied out to end the inning.

In the fifth inning Forsberg reached first on Tierney's error, and was sacrificed to second by Evans. Prentup fanned but Nash got his third hit of the game, scoring Forsberg.

Not until the ninth inning did the Knights score. Tierney smashed down the first base line for a double, and Burns and Smith sacrificed him in.

Barre and Doyle, the Aggie pitchers, held the Knights to six hits. Burns, who pitched the entire game for St. Mary's, kept the Aggies' nine hits well scattered except in the big third inning.

St. Mary's probably will appear at Manhattan April 16.

The box score:

KANSAS AGGIES										
	AB	R	H	P	O	A	E			
Forsberg, rf	5	1	0	5	0	0				
Evans, 2b	4	1	2	3	2	1				
Prentup, ss	2	0	0	4	2	1				
Nash, 3b (C)	4	0	3	1	2	0				
Peterson, 1b	4	0	0	5	0	0				
Meissinger, c	2	0	1	0	2	0				
Nigro, cf	4	0	1	3	0	0				
McCollum, lf	3	0	0	1	0	0				
Barre, p	3	1	1	1	2	0				
Doyle, p	2	0	1	0	2	0				
Totals	32	3	9	22	12	2				

ST. MARY'S										
	AB	R	H	P	O	A	E			
Klenck, cf	4	0	1	3	0	0				
Scalately, rf	3	0	0	2	0	0				
Salebaugh, lf	4	0	0	1	1	0				
Patterson, c	4	0	0	3	1	0				
Tierney, 3b	4	1	1	1	3	1				
Burns, p	3	0	0	0	9	0				
Hoffmans, 2b	4	0	3	1	3	0				
Smith, T., ss (C)	3	0	1	1	2	0				
Stringer, 1b	4	0	0	1	2	0				
Totals	33	1	6	27	21	1				

Doctor Thompson Visits

Dr. Helen B. Thompson, '03 and '07, former dean of the division of home economics, stopped at Manhattan for a short visit recently on her way back to California after attending a conference in Washington, D. C. A tea was given in her honor by the home economics staff, and students had the privilege of hearing an inspiring talk given by Doctor Thompson at their weekly seminar.

Machinery has reduced the labor cost in the articles we buy each year until today it is only approximately 10 per cent.

PROGRESS OF KANSAS PRESS

F. E. C.

A P. Reece, formerly of Wellington, has purchased the Kiowa News-Review. He has gained some knowledge in newspaper work in the Wellington Monitor-Press shop, and with new equipment, including a model 14 linotype, he believes he will enjoy and profit by his newspaper enterprise.

The Kansas Editorial association is scheduled to meet at the college in Manhattan May 9 and 10. Several social functions are being planned by both the men's and women's journalistic societies in addition to the formal meetings.

E. W. See recently sold his Ransom Record to C. P. Dutton, formerly owner and publisher of the McCracken Enterprise. Mr. See, who has been publishing the Bazine Advocate from the Record office, will

now publish it from the Bazine office.

The Norton Champion, published weekly by John William Conway, is an example of the few Kansas papers that thrive on personal journalism. Mr. Conway features very little local news and occasionally an issue appears with no local news except a few notices and advertisements. The paper is composed largely of national news, editorials, features, and Mr. Conway's comments and criticisms.

The Marshall County News is carrying a series of articles written by Ruth Alexander concerning her experiences in flying school. The articles are written in a vivid, interesting style.

The Coffeyville Journal has been running "early day" articles written by R. T. Green. They are readable and interesting.

SULLIVAN'S TOUCHDOWN FEATURES SPRING GAME

TRAVELING PASSENGER AGENT GOES 90 YARDS FOR TOUCHDOWN

Varsity Football Team and All Stars Play Scoreless Tie During Regular Periods—Only Score Comes in Minute Overtime

The drama of the substitute who made good was enacted on stadium field last Friday in the all star-varsity football game. Thomas (Sully) Sullivan, a young Irishman of middle age from Merriam, Kan., went into the game a traveling passenger agent for the Rock Island railroad, and emerged, after 90 yards of foot travel, a hero. Which is to say that Mr. Sullivan made a touchdown. Dark rumors had it that the touchdown was made a minute after the official end of the game, but these did not dim one whit the brilliance of his dash nor the applause of the crowd, which swarmed on the field and carried Mr. Sullivan off the field.

After Sullivan's insertion at half-back A. N. (Bo) McMillin, all stars quarter, held a consultation with the varsity. Varsity had the ball on the all stars' 10 yard line and it was fourth down. On the first play Ray McMillin tossed a beautiful pass directly to the pit of Mr. Sullivan's stomach.

SURPRISE, DETERMINATION

A look of surprise and alarm gave way to grim determination. Spurning the clear field which lay to his right, "Sully" dashed toward the waiting varsity team.

Ponderous linemen and husky halfbacks who had withstood the all stars' charges all afternoon were alike to Sullivan, who sidestepped and twisted through them all. Most of the varsity appeared paralyzed by the glint in Sullivan's eye, and fell down several feet away from him.

The run became a triumphant parade, and when it was over the crowd, which had swelled from less than 600 paid admissions to more than a thousand spectators, swarmed on the field.

Sullivan has made several football trips with the Aggie team, and because of his popularity with the squad was invited to take part in the game.

During the game honors were pretty well divided, with the varsity having perhaps a slight edge. Four 10-minute periods were played with both teams displaying remarkable defensive work.

McMILLIN SHOWS 'EM

A. N. (Bo) McMillin, varsity coach and all star quarter, delighted the crowd with shifting, twisting runs which showed he has not forgotten his all American days, and Elwyn (Tiny) Feather smashed and backed up the line in the same brilliant fashion he did in college. The all stars used practically the same lineup throughout, while Coach Frank Root made numerous substitutions to give his varsity men a trial.

Once the varsity got the ball on the all stars three-yard line with four downs to go, and the oldsters bowed their necks as they did in college days and stopped the youngsters. Ray McMillin led the varsity attack with several long runs and Wiggins led the defense. Harsh and Walker showed well as halfbacks. Various varsity linemen gave good accounts of themselves, while to catalogue the opposing stars would be to catalogue the team. The all stars line was perhaps the heaviest ever to play on Ahearn field.

Among those who played on the all star team were O. W. Maddox, line coach; R. E. Hamler, coach at Council Grove; K. C. Bauman; Al Meyers; C. O. Tackwell; George Lyon; R. O. Blair; A. N. McMillin; James Douglass, coach at Salina; Owen Cochrane, assistant freshman coach; E. E. Feather, New York Giant player; Zurlinden Pearson, coach at Clay Center; Robert Sanders; Horace Towle, and Thomas Sullivan. Blair was borrowed from the varsity. All the rest except McMillin,

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HIGH SCHOOL CONTEST SCHEDULED APRIL 28-29

TENTH ANNUAL VOCATIONAL AGRICULTURE EVENT

Announcer Conveys Rules for Competitors in Statewide Meet—Nearly 60 Teams Were Entered Last Year—Many Prizes

The tenth state high school vocational agriculture judging contest will be held at the college Monday and Tuesday, April 28 and 29, an announcement recently mailed to high school teachers states. In recent years the contest has been held on Thursday and Friday but it is scheduled for Monday and Tuesday this spring so it may follow a similar contest to be held at the Hays branch agricultural experiment station on the preceding Friday and Saturday. Last year nearly 60 teams competed.

FOUR BRANCHES OF CONTEST

Individuals who enter the judging contests will be ranked on a basis of their proficiency in judging all four of the following groups: (1) beef cattle, horses, hogs, and sheep; (2) dairy cattle; (3) grain; (4) poultry; also on the basis of their proficiency in judging each of these groups separately. Teams consisting of three students from a high school will be ranked in a similar manner.

High schools that do not find it possible to send a team to compete still have an opportunity to win honors by entering even one individual and he has many chances to win a first prize, the rules say.

No individual or team will be eligible who has previously competed in any judging contest of statewide or national importance. The state contest at Manhattan is the only contest held in Kansas that is recognized as of statewide importance in interpreting this rule.

No individual or team shall be eligible to compete in this contest that has inspected or worked on college livestock within 10 days previous to the contest.

MUST WRITE REASONS

Each class judged, except in the case of poultry, will be graded upon a basis of 50 per cent on placings and 50 per cent on reasons.

Poultry judging will be graded on a basis of 75 on placing each class judged and 100 on an examination covering Barred Plymouth Rocks, White Wyandottes, Buff Orpingtons, Light Brahmas, S. C. White Leghorns, and S. C. R. I. Reds in the American Standard of Perfection.

Fifteen minutes will be allowed to place a class and an additional 10 minutes to write reasons for placing each class, where reasons are required.

Entries for this contest close April 21, 1930. It is necessary that entries be made previous to contest to enable the committee to handle the contest satisfactorily. Send entries to Prof. A. P. Davidson, K. S. A. C., Manhattan, Kan.

THE LIST OF PRIZES

Prizes will be awarded as follows:

President's prize—parchment certificate to the team making the highest general average on all classes.

Dean's prize—parchment certificate to the individual making the highest general average on all classes.

Poultry department prize—parchment certificate to the team making the highest general average judging poultry.

Agronomy department prize—parchment certificate to the team making the highest general average judging grain.

Dairy department prize—parchment certificate to the team making the highest general average judging dairy cattle.

Animal husbandry department prize—parchment certificate to the team making the highest general average judging beef cattle, horses, hogs, and sheep.

K. S. A. C. poultry club—medal to the individual making the highest general average in judging poultry.

K. S. A. C. K. I. O. D. and Kernel club—medal to the individual making the highest general average in judging beef cattle, horses, sheep, and swine.

Ribbons will also be offered for first five individual and team winners.

Heads Kansas A. A. U. W. Division

Miss Emma Hyde, associate professor of mathematics, was elected president of the Kansas division of the Southwestern conference of the American Association of University Women, at a meeting held in Wichita April 10.

NEW METHOD OF STUDY AIDS MEDICAL ZOOLOGY

Much Tedious Labor Will Be Saved By Device Perfected in Experiment Station Project

A new method for making studies in medical zoology is described in a recent article by J. E. Ackert and L. O. Nolf, published in Science, 1929. This method, which save hours of tedious labor, was developed in connection with project No. 79 of the Kansas agricultural experiment station.

Instead of having to search through the body tissues and excreta for the parasites, the investigator now collects the parasitic worms with the aid of warm water under pressure. If parasites are present they can readily be seen in the clear water. The great saving of time and energy and the increased accuracy by this method have already led to its adoption by the zoological division of the United States department of agriculture, and the department of helminthology, Johns Hopkins university.

SEARS OFFERS POINTERS TO LABRADOR GARDENERS

Fruits and Vegetables Needed to Correct Diet Troubles

Fred C. Sears, '92, head of the department of pomology, Massachusetts Agricultural college, Amherst, has prepared a circular on suggestions for Labrador gardens for distribution in that country.

Regarding his work in the north-land Professor Sears says:

"I have been up there (Labrador) for the past two summers looking into the possibilities of getting the people on that coast to grow and use more vegetables and fruits. Doctor Granfell said he felt sure that many of their physical troubles were due to their diet and asked me to see what could be done. Of course we are just getting started, but I already have eight 'substations' where we are doing such work. Of course, some of these are mighty small, for real soil is scarce 'on the Labrador,' but they all help out."

COLLEGE TO BE HOST TO JAYHAWK EDITORS

KANSAS NEWSPAPER MEN MEET HERE MAY 9-10

Two Day Program Announced by President Murdock Features Editors of State—Entertainment in Charge of Journalism Department

Kansas newspaper editors and publishers will gather in Manhattan May 9 and 10 for their annual two day session dealing with editorial problems and an occasional entertainment. Discussion of newspaper problems will be pretty generally in the hands of practicing Kansas editors, the formal program announced by Victor Murdock of the Wichita Eagle, president, shows. The entertainment



MARGARET HILL McCARTER

features will be furnished principally by the department of industrial journalism of the Kansas State Agricultural college which will play host to the visiting newspaper people.

Though the convention proper begins Friday morning, May 9, editors have been invited to banquets the preceding evening. A branding iron banquet sponsored by Sigma Delta Chi, men's journalism fraternity, will be open to all Kansas editors excepting the women editors, who have a special invitation to another banquet sponsored by Theta Sigma Phi, women's journalism society. Margaret Hill McCarter, noted Kansas author, will be the principal speaker at the women's Matrix table, which is the first one ever held in Manhattan. Theta Sigma Phi will

extend invitations to prominent newspaper women of Kansas, wives of newspaper men, and other outstanding women of the state.

WELCOME BY DEAN WILLARD

According to the program announced by President Murdock, Friday morning will be devoted to the registration proceedings and appointment of committees at the Wareham hotel. At 1:30 Friday afternoon, Dean J. T. Willard, vice-president of the state agricultural college, will give an address of welcome to which President Murdock will respond. These addresses will be followed by a number of talks on practical newspaper problems, each by active newspaper men or women. Their subjects:

"Do Women Make Good Reporters?" William L. White (Young Bill), Emporia Gazette; "Are We Living Up to Our Opportunities in the County Building?" Hugh Powell, Coffeyville Journal; "Does it Help an Editor to Read Books?" Arch W. Jarrell, Arkansas City Traveler; "Feature Values in Country Weeklies," Mrs. Cora G. Lewis, Kinsley Graphic.

MEMORIALS FOR THREE

Memorial services—to W. E. Blackburn, conducted by Bert Harris, Herington Times; to George W. Marble, conducted by W. C. Simons, Lawrence Journal; to John C. Mack, conducted by Jess L. Napier, Newton Kansan-Republican.

The Manhattan chamber of commerce will play host at a dinner Friday evening at which Prof. C. E. Rogers, head of the college department of journalism and printing, will be toastmaster. Willard Mayberry, well known editor of the Elkhart Tri-State News, will be teamed with Fred Seaton, K. S. A. C. student, in a pair of toasts labeled, respectively, "Looking Backward" and "Looking Forward."

Saturday's program will be held at Kedzie hall, the journalism building, on the campus:

10:00 a. m.—"Causes and Cures of Office Pests," Chester Shore, Augusta Gazette; "On the Side of the Angels," Angelo Scott, Iola Register; "More and Better Adjectives in the Social Column," Will Beck, Holton Recorder; "Confessions of an Author," Paul Jones, Lyons News; "Interviewing the Farmer," Leslie Wallace, Larned Tiller and Toller.

1:30 p. m.—"Should Obituaries Be More Voluminous?" Joe Satterthwaite, Douglass Tribune; "Value of Personal Journalism," Walt Neibarger, Tonganoxie Mirror; tea at the home of Mr. and Mrs. C. E. Rogers.

COMMENCEMENT WEEK

Class Reunions	
'80	'05
'85	'10
'90	'15
'95	'20
'00	'25

SUNDAY, MAY 25

8:00 p. m. Baccalaureate services, college auditorium. Sermon by Dr. Albert W. Palmer, president, the Chicago Theological seminary.

MONDAY, MAY 26

Class Day Exercises

7:30 a. m. Breakfast for senior women by Mortar board, Thompson hall.

TUESDAY, MAY 27

3:00 to 5:00 p. m. Alumni-Senior reception, president's residence.

8:15 p. m. Commencement concert in compliment to the senior class, college auditorium. Kathryn Meisle, contralto, Roy Underwood, pianist.

WEDNESDAY, MAY 28

Alumni Day

2:00 p. m. Alumni business meeting, recreation center.

6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

THURSDAY, MAY 29

Commencement Exercises

9:30 a. m. Academic procession.

10:00 a. m. Graduation exercises, college auditorium. Address by Dr. Alfred Horatio Upham, president, Miami university.

COMMENCEMENT WEEK PROGRAM ANNOUNCED

ACTIVITIES WILL INCLUDE BOTH SENIORS AND ALUMNI

Baccalaureate Services, President's Reception, Concert, and Banquet Included in Preludes to Graduation Exercises May 29

A program of activity interesting to both students and alumni is planned for commencement week, which starts with the baccalaureate services of Sunday, May 25.

Dr. Albert W. Palmer, president of the Chicago Theological seminary, will deliver the baccalaureate sermon.

Monday, May 26, will be taken up with class day exercises. In the morning Mortar board, honorary organization for senior women, will give a breakfast for the women members of the 1930 class in Thompson hall.

A reception for seniors and alumni will be held at the campus home of President and Mrs. F. D. Farrell on Tuesday afternoon, May 27. That evening a commencement concert will be given by Kathryn Meisle, contralto, and Roy Underwood, pianist, in compliment to the senior class.

The alumni business meeting in recreation center on Wednesday afternoon, May 28, and the alumni banquet to seniors in Nichols gymnasium that night are the features of Alumni day.

The entire week will be climaxed on Thursday, May 29, with commencement exercises. The academic procession will start at 9:30 o'clock in the morning.

Dr. Alfred Horatio Upham, president of Miami university, Oxford, Ohio, will be the commencement speaker. Members of the classes of 1880, 1885, and 1890 will be seated on the auditorium stage during the exercises.

BASEBALLERS OF '93 CHALLENGED FACULTY

'Defy' of Senior Class a Recent Feature of Dean Willard's Bulletin Board

Among recent interesting features on Dean Willard's bulletin board in Anderson hall is a letter which was written by members of the senior class of 1893, addressed to the faculty baseball team and challenging them to a game in the Manhattan city park. The letter follows as written:

To the manager of the faculty's "Base Ball Nine"—Greetings.

"In accordance with the old time and honored custom, we, the undersigned, members of the class of '93, without reservation or purpose of evasion, do solemnly and sincerely challenge your nine to participate in either a five, seven, or nine inning game of ball, the same to be left to your discretion. The aforesaid game to be played at 3 p. m. on June 9, and to be played in the city park of Manhattan.

"From the manager of the sporting element of the senior class."

This was followed by 35 signatures of both men and women members of the class. Among them are familiar names, including Albert Dickens, head of the department of horticulture and now on leave in New Mexico; C. A. Kimball, Manhattan judge; J. E. Thackrey, and C. F. Pfuetze.

Baseball games between the senior class and the faculty have been replaced by games between teams composed entirely of faculty members or entirely of students. A faculty baseball league has been formed this year with a membership of nine teams from the various divisions and departments of the college.

Indiana Reunion May 10

K. S. A. C. alumni within driving distance of Lafayette, Ind., are invited to attend a K-Aggie dinner reunion at 6 o'clock Saturday, May 10, at Lincoln lodge near Lafayette. Make your reservations with George V. Mueller, '24, 207 Varsity apartments, West Lafayette, Ind.



F. D. FARRELL

Virtually every college in the country extends a welcome every year at Commencement time to members of all its graduating classes. In recent years it has become a custom at many colleges, including this one, to honor specially at commencement time members of selected classes graduated many years previously. It is the custom at K. S. A. C. to pay this special honor to members of three classes that have been out of college respectively for forty, forty-five and fifty years. This year these three are the classes of 1890, 1885 and 1880.

Other classes besides these will have commencement reunions and members of all graduating classes will, of course, be heartily welcomed.

In 1929 the specially honored classes were well represented at commencement; the class of 1879 by two members, that of 1884 by two and that of 1889 by seven, a total of eleven, or 20 per cent of the total membership of the three classes at the time of graduation. At the time

of their graduation the three classes to be specially honored in 1930 contained a total of 48 members. It is hoped that at least 20 per cent of the members of these classes will be on the campus this year at commencement time.

In many instances, possibly in most, the graduate's interest in his college increases as time passes. His interest changes notably. It probably becomes more rational as he gains perspective. After the first ten or twenty years it is likely to become more sentimental than it was at graduation time. One of the benefits of growing old is that one ceases to be ashamed to be sentimental; one learns that sentiment is one of the not very numerous things that matter.

You members of the classes of '80, '85 and '90 who come back for Commencement this year will not find things quite as you left them forty to fifty years ago. Fifty years ago the College was a likable but rather lanky youngster in her teens. Now she is comparatively mature. She is large, capable, busy and reasonably modern. But in her heart she is essentially as she was,—good-natured, liberal, kindly and wholesome. She will be delighted to see you. Come and see her!

'Come and See Her,' Says President Farrell, Extending Invitation on Behalf of K. S. A. C.

By F. D. FARRELL

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, PRESIDENT.....Editor-in-Chief
C. E. ROGERS.....Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY.....Assoc. Editors
KENNEY L. FORD.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, APRIL 23, 1930

SOMETHING ACCOMPLISHED

Though falling far short of original hopes, the naval disarmament conference has yielded some fruit, and another definite step has been taken in the direction of the abolition of instruments of war.

Sentiment against war as an instrument of national ambition is gaining force throughout the world and it is on institutions of higher learning that much of the responsibility for uprooting age old viewpoints rests.

The duty resting on colleges and universities was nobly voiced by General Jan C. Smuts, eminent South African statesman, when in a lecture at Cambridge, England, last November, he said:

"Democracy in the last resort depends not so much on machinery of government as on the spirit of a people, on its unexhausted and growing fund of good will and understanding, on its capacity for social magnanimity and unselfish service. In proportion as this spiritual and scientific humanism becomes diffused throughout all classes of the nation, only in that proportion will the right atmosphere for democracy exist. It will be largely the function of the universities to foster this culture and promote this high spirit of social service and understanding. It will be preeminently the task of the universities to train the future leaders of democracy. Through humanism, through science, by the culture of the spirit and ideals of higher life, the universities will equip the coming generations for their duties of leadership. The universities will thus become the real spiritual home of its leaders. The young men and women coming from it will carry into national life and government that indefinite something which is more precious than all the organs and institutions of society. And only in proportion as they do this will human self-government come into its own."

Despite reverses suffered by democracy since the World war, notably in Russia and Italy, political democracy as a principle of human government seems, in essence, unassailable, and doubtless will continue to be the fundamental faith of advanced peoples, but it is encountering obstacles it was not called on to meet in the past.

Chief among these is the greater diffusion of the press which gives it a scaremongering power that sometimes makes it a grave menace to governments when that power is under the control of malign and selfish interests.

It is because of this that the power of colleges and universities must be mobilized against the mob forces of publicity.

WRITING POPULAR SCIENCE

Austin H. Clark, in Science for February 22, 1929, writing on the press service of the American Association for the Advancement of Science, goes so far as to say:

"Within the past few years, interest in science in the United States has so increased that several of the press associations, and even a number of the larger newspapers, have appointed science editors whose special

duty it is to seek out and to present, in popular phraseology, information of current interest on scientific subjects. In appointing scientific editors the general policy had been to select writers of unusual ability and of proved accuracy, rather than to designate as science editors writers with previous scientific training."

This policy Mr. Clark thinks wise, because the writer can maintain contact with the public and better appraise its changing interests. The scientific writer, then, apparently should not instruct or mold public opinion, but should follow momentary interest currents. Yet, as Mr. Clark continues, he is more likely than the ex-scientific worker to be unbiased by personal preferences arising from "that specialization which is inseparable from scientific training."

Science undeniably does need popularization, if for no other reason than that laymen cannot be expected to support forever something they are not permitted to understand. The narrow specialist is not the man to do the popularizing; he has neither the time, the inclination, nor the ability. The trained writer, though he be quite accurate in the ordinary lay sense, seldom understands what the criteria of scientific accuracy are or what scientific method really implies. He sees and prepares stories. If he especially desires not to misconstrue anything, he may send his manuscript in to the specialist for revision. In that case the specialist either gets altogether too meticulous in his criticism and spoils the manuscript entirely or, not being interested in informing the lay public, carelessly passes on the content of the paper and lets it go to print.

What is needed, then, is a man who can write in an interesting manner, but who yet has sufficient knowledge about the method of science and its criteria of accuracy to get into his subject and creatively prepare an article which is readable and at the same time true.

—From American Medicine.

WHY NEWS IS BIASED

All news is biased. No two people ever see the identical event identically. Some news is more biased than the rest. But even the correspondent of the most glittering integrity has some dull spots in him somewhere. He may be pro-French; he may be an irremediable Anglophobe; he may even think that Egyptian politics are honest, or Greek wine drinkable. These are extreme cases. Various subtle attenuations are more common. A correspondent may be constitutionally incapable of sympathy with socialism; he may be afraid of airplanes; he may dislike French beer; perhaps in Poland once a barber shaved him badly. All these details color news.

Now, further, every newspaper has bias. Every correspondent, early in his career, performs an adjustment between his private opinions about life and politics and those of his newspaper, and if the adjustment is successful, he is happy at his job and keeps it. Inevitably the correspondent comes to associate himself with the character of his newspaper. Perhaps the adjustment is conscious, more often not. In almost every case of a successful journalist the coalescence does take place; and it is effective, of course, both ways. The correspondent gives the paper bias, and the paper gives bias to him.

These biases must be obvious to every attentive reader of American newspapers. The New York Times is extremely fair, very thorough, and usually on the side of the angels. The New York Herald-Tribune is pro-British and conservative. The New York World is traditionally liberal, sometimes mildly anti-French, usually aggressively anti-Fascist. The Chicago Daily News is independent and conservative. The Chicago Tribune, the most irresponsible of American newspapers, anti-Russian, anti-English, and anti-League. The New York Evening Post is isolationist. The editorial policy of most other papers consists of the phrase "on the other hand."

The great agencies have their editorial leanings, too. The Associated Press tries to be strictly non-partisan, but was born conservative. The Hearst services change policy frequently; but they have a fairly permanent isolationist bias. Witness the Hearst campaign against the World court. The United Press is aggres-

sive, independent, and, as are the Scripps-Howard papers at home, definitely liberal. I do not think that employees of agencies ever get instructions to editorialize; their headquarters in New York keep them far too busy chasing facts. Just the same, witness the staunch old Associated Press handling the Soviet disarmament proposals at Geneva, and describing their rejection as the defeat of a nefarious plot, actually as if M. Litvinoff had suggested cutting the ears off all the babies in the world, instead of having had the temerity to come to a disarmament conference and suggest disarmament. —John Gunther in Harpers.

teenth infantry in the Philippines, and wrote an interesting letter concerning army life in a new country.

A. E. Blair, '99, who had been connected with the college dairy since the previous September, resigned to accept a position with the Park Creamery company at Hutchinson.

FORTY YEARS AGO

J. E. Thackrey, f. s. in 1887, returned from Texas.

W. C. Lee, f. s. in 1885, was on the local staff of the Topeka Capital.

M. M. Lewis, '84, was graduated from the Union Baptist Theological seminary.

The following persons presided

World Outlook For Wheat Farmer

L. E. Call

Wheat production throughout the world has increased. The production of no other crop has been so rapidly expanded. In the past 40 years world production—excluding Russia and China—has doubled, increasing from less than two billion bushels in 1890 to nearly four billion in 1928. In the United States the increase has been even more rapid, production having been expanded in this period from 378 to 903 million bushels. There is no indication that either the world or the United States crop is approaching the maximum. In fact there is every indication that with high wheat prices production in the United States could be nearly doubled while world production could be greatly increased.

Eleven states in the United States sow nearly three-fourths of the crop of this country or approximately 42 million acres. The potential wheat acreage of these states has been estimated at not less than 74 million or 32 million acres more than is now planted. Furthermore many other states formerly important in wheat production but now less important could greatly increase production if prices were sufficiently favorable.

World production outside the United States presents a similar situation. Argentina could expand wheat production somewhat. Canada in the Peace river district of Alberta and British Columbia alone has nearly five million acres of potential wheat land practically undeveloped. Australia it is estimated could more than treble present acreage, while Russia which formerly exported one-half as much wheat as all of North America combined can become again with stable internal conditions a powerful factor in the world wheat market.

The world outlook is, therefore, unfavorable for high wheat prices. There will continue to be keen competition between the farmers of America and those of other countries for the markets of the world. There will be equally keen competition between the farmers of this country for the domestic market. The outlook indicates that success will come to those farmers who are able to lower production costs to a point that will enable them to produce wheat more economically than their competitors. Central and western Kansas farmers are fortunately situated from this standpoint. With level productive land, power equipment efficiently operated, and intelligent management of the farm enterprises they are in a position to produce wheat as economically as any grower in the United States.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Ethel Arnold '18, was teaching home economics in the high school at Perry.

W. A. Hendershot, '13, was in charge of vocational agriculture in the high school at Fonall, Nev.

James M. McArthur, '15, was in the department of agronomy at the John Tarleton Agricultural college at Stephenville, Tex.

Frank Manny, f. s., and Mrs. Sarah (Thompson) Manny, '03, moved from Los Angeles to Van Nuys, where they were living on a two acre fruit ranch.

TWENTY YEARS AGO

Doctor Headlee and Gene Blair demonstrated spraying work in the southwestern part of the state.

W. E. Miller, f. s. from '96 to '98, then editor of the St. Marys Star, addressed the classes in printing. He also spoke to the student body at chapel exercises.

Milo M. Hastings, '06, formerly of the faculty of the college, was engaged by the United States department of agriculture in a special investigation of the poultry industry of the country.

THIRTY YEARS AGO

H. S. Willard, '89, was appointed county physician of Riley county.

F. C. Sears, '92, was director of the provincial school of horticulture.

Earl Rice, '97, was with the Six-

over the literary societies during the spring term: E. P. Smith, Alpha Beta; John Davis, Webster; A. F. Cranston, Hamilton; and Mamie A. Houghton, Ionian.

FIFTY YEARS AGO

Mr. and Mrs. George Wake returned to Manhattan, and Mr. Wake was employed in L. R. Elliott's office.

H. C. Rushmore was station agent on the Kansas Central railroad at Onaga.

The college received a box of specimens of corn, millet grass, and other seeds from Prof. W. R. Lazenby, the well known professor of horticulture at Cornell university.

CORRECTION

Several readers called attention to an error in the "In Older Days" column in THE INDUSTRIALIST for April 9. Items that should have appeared in the paragraphs for FORTY YEARS AGO were grouped under the FIFTY YEARS AGO heading, and vice versa.

WILD SWANS

Edna St. Vincent Millay

I looked in my heart while the wild swans went over.
And what did I see I had not seen before?
Only a question less or a question more;
Nothing to match the flight of wild birds flying.
Tiresome heart, forever living and dying,
House without air, I leave you and lock your door.
Wild swans, come over the town, come over
The town again, trailing your legs and crying!

SUNFLOWERS

H. W. D.

LEAVE US BE!

Imagine our surprise, disappointment, chagrin, and general state of dismay the other day to find on our desk a column written by no less a person than the Mugwumpess Lady of Concordia in which she presumed to set limits to the depredations of the columnist.

She objects to the stealing of other columnists' best work, the poking of fun at other columnists, such subjects as medium length hair and skirts, the use of typographical abnormalities, and any other number of things paragraphers have to resort to in order to keep from earning an honest living and sinking to the level of advertising managers, political reviewers, society reporters, and editorial writers.



H. W. DAVIS

Of course we've always known there ain't no freedom in this life anywhere to speak of, but we've cherished a secret hope that the Mugwumpess Lady would be last to draw in the limits of what little there is. Of course she doesn't mean it at all, but one hasta be careful about squeezing the goddess of liberty even in a joking way.

As we see it, the right of a columnist to discuss anything in cosmos in any kind of grammar and punctuation and typography he blooming pleases is just about the only remnant of liberty left on the counter. And if paragraphers are going to have to become polite and credit everything they steal to the latest thief caught stealing it, they might as well toss their typewriters into the junk piles whence they came and go to running for office or selling eight-cylinder cars.

There ought to be room in a country as big as we think America is for a few rebels against what is known as respectable, dignified journalism. There ought to be a few journalists who don't know no grammar and are just as likely to spell it with "e" as an "a." There ought to be somebody on every paper who forgets what individuals and what groups of individuals one can afford to irritate. There ought to be one newspaper column in a hundred that doesn't reek with caution and policy. There ought to be some utterly irresponsible and incurably honest scribe in every community who has no notion of the cost of reminding majorities of their errors.

Indeed, there ought to be . . . a law, protecting the few enough individuals left who sense the dangers of a smug, static society that conforms soul and body to the predatory 51 per centum of the electorate. And a good many of the people like that have gone into paragraphing, for nobody loves them anyhow, so why not?

No sir, we believe that paragraphers should be left free to discuss anything from falling hair to fallen arches, overcoats to alimentary canals, Betelgeuse to the hot core of the earth, gluttony to vinegar, righteous endeavor to golf, Rotarianism to asceticism, Dan to Beersheba. They should feel free to lift, steal, appropriate, or borrow anything from brother or sister paragraphers they think worthy, and should be thanked for so doing. They had ought to be allowed to irritate grammarians and linotypists and proof readers until it AIN't eVeN funny. If they want to misspend their whole time barking up one single tree—and the wrong tree at that—let 'em bark. And finally (even let 'em use "and finally") allow them the full consequences of their own deeds and misdeeds without dilution.

Let them be anything but dull . . . and serious. And now and then let them be those.

It is as impossible for a man to be cheated by anyone but himself, as for a thing to be and not to be at the same time. —Emerson.

GIFTS OF LIFE MEMBERS MAKE LOAN FUND POSSIBLE

EVERY KANSAS AGGIE CLASS FROM '82 ON REPRESENTED IN ROSTER OF THOSE CONTRIBUTING TO \$27,000 MADE AVAILABLE TO WORTHY STUDENTS

The constant growth of our life membership list should be a source of pride to every alumnus of K. S. A. C. Our life members have provided most of the present \$27,000 alumni loan fund. The service rendered by the loan fund in aiding K. S. A. C. students warrants its continued growth.

Ralph Snyder, '90, recently stated that he considered it an honor to be president of the K. S. A. C. Alumni association. Perhaps he was thinking of the individuals who are making our alumni association possible.

Space will not permit the publishing of the names of our annual members, nearly a thousand alumni who send in their \$3 annually and without whom the alumni office could not pay its bills.

The following are life members of the association. They are laying the foundation for a strong association in the future. There are 393 paid-up life members and 414 who are paying or have agreed to pay for their life membership in the near future. They are:

CLASS OF 1867
Paid-up: Laura (Haines) Bowen.
Class of 1876
Paid-up: Nellie (Sawyer) Kedzie-Jones.

CLASS OF 1879
Paid-up: William H. Sikes.
CLASS OF 1880
Paid-up: Emma (Knotman) Huse.

CLASS OF 1882
Paid-up: Mattie (Mails) Coons.
CLASS OF 1883
Paid-up: James W. Berry, Phoebe (Haines) McKee, Julius T. Willard.

CLASS OF 1884
Paid-up: Charles L. Marlatt.
Pledge: Hattie (Peck) Berry.

CLASS OF 1885
Paid-up: Grace (Wonseller) Rude, Albert Deitz.

CLASS OF 1886
Paid-up: Louis P. Brous, James G. Harbord.

Pledge: David G. Robertson.
CLASS OF 1887
Paid-up: Edgar A. Allen, Claude M. Breese, Walter J. G. Burtis, Bert R. Elliott.

CLASS OF 1888
Paid-up: David G. Fairchild, Abbie L. Marlatt, Ernest F. Nichols (deceased), Daniel W. Working.

CLASS OF 1889
Paid-up: Walter R. Browning.
CLASS OF 1890
Paid-up: Silas C. Mason, William H. Sanders, Ralph Snyder.

CLASS OF 1891
Paid-up: Herman W. Avery, Clay E. Colburn, Christine M. Corlett, Kary C. Davis, Fanny (Waugh) Davis, Flora (Weist) Doyle, John O. Morse, Ellis C. Thayer.

CLASS OF 1892
Paid-up: Daniel H. Otis, Fred C. Sears, May Secrest, George W. Wildin.

CLASS OF 1893
Paid-up: Albert Dickens, Maude (Knickerbocker) Pyles.

CLASS OF 1894
Paid-up: Mary (Lyman) Otis, Lorena (Clemons) Records.

CLASS OF 1895
Paid-up: Flora (Day) Barnett, Robert J. Barnett, Sid H. Creager, George A. Dean, Lucy Ellis, Oscar H. Halstead, Frederick E. Rader (deceased), Ada Rice, Eleven C. Trembley (deceased), George C. Wheeler.

Pledges: Frank A. Dawley, Florence (Corbett) Kent.
CLASS OF 1896
Paid-up: May (Bowen) Schoonover, Royal S. Kellogg.

CLASS OF 1897
Paid-up: Anna (Engel) Blackman, Ina E. Holroyd, Bret R. Hull, Clay B. Ingman, J. B. Norton, John E. Trembley, John M. Westgate, Wilhelmina Spohr.

Pledge: Winifred (Houghton) Buck.
CLASS OF 1898
Paid-up: Emory S. Adams, Minnie L. Copeland, Harriet (Nichols) Donohoo, Alice Maude Melton, Lucy (Cottrell) Pottorf, Cora (Thackrey) Harris, Fred M. Seekamp, f. s., Abner D. Whipple.

CLASS OF 1899
Paid-up: Carrie (Painter) Desmarais, Albert T. Kinsley, Louisa (Maelzer) Halse, Andrew J. Pottorf.

CLASS OF 1900
Paid-up: Elizabeth J. Agnew, Minerva (Blachly) Dean, George O. Greene, Kate (Paddock) Hess, Walter F. Lawry, Daisy (Hoffman) Jontz, Fred B. Morlan, Jessie Wagner.

Pledges: Andrew E. Oman, Morris H. Ginter, f. s.
CLASS OF 1901
Paid-up: Ina F. Cowles, Fred F. Fockele, Charles A. Scott, Anna (Smith) Kinsley.

Pledge: Trena (Dahl) Turner.
CLASS OF 1902
Paid-up: Leslie A. Fitz, Pontus H. Ross.

Pledge: Margaret (Mather) Romine.
CLASS OF 1903
Paid-up: Howard M. Chandler, Arthur B. Gahan, Clara Pancake, Helen Bishop Thompson.

Pledge: Leon V. White.
CLASS OF 1904
Paid-up: Mary (Davis) Ahearn, Clara F. Barnhisel, Victor L. Cory, Alice M. Loomis, Flora Rose, Lawrence V. Sanford, Nicholas Schmitz, Roy A. Seaton.

CLASS OF 1905
Paid-up: Harvey C. Adams, Edith (Davis) Aicher, Lola (Harris) Burt, Ula May Dow, George W. Gasser, Lathrop W. Fielding, Crete (Spencer) Fielding, Rachel G. Nicholson, Alonzo F. Turner, Inez (Wheeler) Westgate.

Pledge: Grace Umberger.
CLASS OF 1906
Paid-up: Jessie (Reynolds) Andrews, Raymond R. Birch, Martha S. Pittman, T. M. Wood.

CLASS OF 1907
Paid-up: Charles E. Bassler, Marshall Elsas (deceased), Walter B. Gernert, Harry A. Ireland, Myrtle (Kahl) Ireland, Murice Stauffer, Orin A. Stevens.

CLASS OF 1908
Paid-up: Clara (Willis) Call, Helen (Halm) Ramage, Fred M. Hayes, Charlotte A. Morton (deceased), Charles

J. Willard, Bruce S. Wilson, Ira A. Wilson, Venus (Kimble) Wilson (deceased).
Pledge: Frank C. Harris.
CLASS OF 1909
Paid-up: Frances L. Brown, Gertrude M. McCheyne, Preston E. McNall, Victor E. Oman.

Pledges: Margaret M. Justin, Susanna Schnemayer, Marie (Coons) Weigel.
CLASS OF 1910
Paid-up: Louis C. Aicher, Leila Dunton, Susan (Davies) Oman, Ida (Hepler) Bower, Wilma (Orem) Judy, Ruth M. Kellogg, Ethlyn J. Sandborn, Blanche (Vanderlip) Shelly, Randall E. Talley, Carrie (Harris) Totten, Edwin E. Truskett.

Pledge: Jennie Williams.
CLASS OF 1911
Paid-up: Ellen M. Batchelor, Margaret Morris (deceased), Maria Morris, Whitcomb G. Speer, Clifton J. Stratton.

Pledges: Dora (Otto) Aubel, Bertha (Davis) French, John Z. Martin.
CLASS OF 1912
Paid-up: Nellie Aberle, Oliver M. Franklin, Martha (Linn) McKinstry, Earl H. Martin, Mildred (Inskip) Morgan, Floyd B. Nichols, Walter G. Ward, Louis C. Williams, Mary (Williams) Well.

Pledges: Ethel L. Bales, Ruth (Bright) Jaccard, Marcia (Story) Throckmorton.
CLASS OF 1913
Paid-up: M. F. Ahearn, Twylich (Springer) Gaskill, Ethel T. Grimes, Waldo E. Grimes, Harry L. Kent, Estella Mather, Lester B. Pollom, Elbridge G. Sanders, Vesta Smith, Miller F. Whittaker, Reuben E. Wiseman, Lucile (Berry) Wolf.

Pledge: Fred T. Rees.
CLASS OF 1914
Paid-up: Lillian C. W. Baker, Carl B. Butler, Elizabeth A. Cox, Louisa (Dyer) Frey, Jesse J. Frey, Arthur H. Gilles, Ethel (Roseberry) Grimes, Vida A. Harris, Karl Knaus, Amy (Savage) Knaus, Mary (Nixon) Linn, Edward M. Parrish, Oliver S. Taylor.

Pledges: A. P. Davidson, Verne O. Farnsworth, Lenore (Nicholas) Frank, f. s., C. Roy Jaccard, John S. McBride, Edith (Maxwell) McBride, Marguerite (Dodd) Ruggles, Charles H. Scholer.
CLASS OF 1915
Paid-up: H. H. Haymaker, Verral (Craven) Wenn, James W. Linn, Charles W. Shaver.

Pledges: Laura (Falkenrich) Baxter, Romney C. Ketterman.
CLASS OF 1916
Paid-up: Alfred C. Apitz, Edith (Beaubien) Nichols, Ada G. Billings, Nellie Flinn, Louise (Greenman) Goodwin, Mary (Sweet) Johns, B. Eleanor Mickelson, Anna L. Miller, Edward J. Otto, Helen (Pitcairn) Spencer, Eula (Pyle) Springer, Ida M. Wilson.

Pledges: Bernard M. Anderson, Ira N. Chapman, Mary (Polson) Charlton, Jay W. Stratton.
CLASS OF 1917
Paid-up: Rose T. Baker, Hazel (Pierce) Blecha, Lillian (Buchheim) McKnight, *Vilona Cutler, Stella M. Harriss, Harold W. Luhnaw, Anna (Neer) Sisler, Herschel Scott, Mabel (Root) Williams.

Pledges: Chester C. Brewer, f. s., Lottie (Lasswell) Ketterman.
CLASS OF 1918
Paid-up: Ethel M. Arnold, Frank O. Blecha, Fred H. Carp, Rose (Straka) Fowler, Katrina Kimpfort.

Pledge: Lella F. Whearty.
CLASS OF 1919
Paid-up: Seibert Fairman, Myrtle A. Gungelman, Alta Hepler, Ruth K. Huff, Mary F. Taylor.

CLASS OF 1920
Paid-up: Arthur N. Burditt, Jewell (Sappenfield) Fairman, Mamie Grimes, Ivan A. White.

Pledges: Elizabeth (Circle) Garver, Floyd Hawkins, Homer C. Wood.
CLASS OF 1921
Paid-up: Arthur E. Cook, Abbie Clair Dennen, Elizabeth (McNew) Fly, Homer Henney, Blanche Lea, Gerda (Olson) Matson, Myra E. Scott, Elma (Stewart) Isen.

Pledges: Fred H. Dodge, Conie C. Foote, Ursula S. Senn, Edwin W. Winkler, Gladys (Addy) Morris, Samuel D. Capper.
CLASS OF 1922
Paid-up: George H. Bush, Evan L. Griffith, Edith Grundmeier, Harold Howe, Leander E. Rossel.

Pledges: Marian Brookover, Roy M. Green, J. J. Moxley, Jeremiah T. Quinn, Herbert L. Wilkins.
CLASS OF 1923
Paid-up: Leola (Ashe) Deal, Junius W. Farmer, John E. Franz, Hazel (Gardner) Wilkins, Elfrida Hemker, Leone (Bower) Kell, Harry E. Ratcliff.

Pledges: Herbert Bales, Albert L. Bridenstine, William F. Hearst, Grace B. Long.
CLASS OF 1924
Paid-up: Penelope (Burtis) Rice, Bernice (Flemming) Relyea, Kenney L. Ford, Verma (Breeze) Garratt, Maurice M. Williamson.

Pledges: Ivan D. Bennett, Marie Correll, Buford J. Miller, George V. Mueller, Paul G. Roofe, Mary A. Worcester.
CLASS OF 1925
Paid-up: Fred D. Allison, Carl W. Bower, Amelia B. Brooks, Lottie (Butts) Whetzel, John H. Coolidge,

William A. Dalton, Mary (Dey) Morris, Clifford W. Eshbaugh, Joseph E. Greer, Jennie Horner, Floyd E. Hull, Carl G. Iles, Mabel (McComb) Carlson, Mildred C. Mast, George Montgomery, Jr., Sarah S. Morris, Glenn M. Reed, Alexander F. Rehberg, Lester J. Schmutz, Elnora (Wanamaker) Seaton, J. Fred Sheel, Byron E. Short, Grace A. Steining, Fred D. Strickler, Floyd R. Swim, Norris R. Thomasson, Jewell K. Watt, June Zirkle.

Pledges: Alfred G. Aldridge, Leah (Arnold) Blaylock, Ntra E. Bare, Evelyn M. Colwell, Eleanor (Dempsey) Griffith, Audrey G. Freeman, Frances O. Gaddie, George W. Givin, Marian Hardman, Frank W. Houska, Charles F. Irwin, Hattie (Laughlin) Sawin, Francis J. Nettleton, Floyd Northrop, f. s., Alice L. Paddleford, Irvin L. Peffley, Armer Porter, Glen G. Railsback, William Rankin, John I. Rogers, Delos C. Taylor, Raymond H. Watson, Jay Roy Wood, Theodore M. Berry, Elizabeth (Bressler) Gartner, Phyllis (Burtis) Howard, Estaban A. Cabacagan, Lamar P. Caraway, Sherman H. Carter, Norris D. Cash, Helen T. Clark, Eugene A. Cleavinger, Mary Ellen Cormany, Alberta (Edeblute) Timmons, Ella (Franz) Jones, Harry L. Gul, Mary (Higinbotham) Leonard, Irvin B. Kirkwood, Wilmer Lee Oakes, Hervey O. Reed, Arthur H. Riley, James F. Savage, Claude L. Wilson.

CLASS OF 1926
Paid-up: Josephine Brooks, Garnet (Kastner) Carter, Philip R. Carter, Doris (Dwelly) Brink, Geneva Faley, Clayton L. Farrar, Susie C. Geiger, Louise (Hattery) Harden, Christie C. Hepler, Earl L. Hinden, Susie (Huston) Joy, Lula (Jennings) Wright, Adolph G. Jensen, Ruth (Long) Dary, Benjamin Luehke, Eleanor (Nelson) Newhard, Dorothy (Schultz) von Trebra, Mabel R. Smith, S. Elizabeth Southwick, Mildred Stahlman, Ward W. Taylor, Esther (Tracy) Luke.

Pledges: John F. Allen, Hazel L. Anderson, John W. Ballard, Margaret Brenner, Harold Brodrick, Ruth E. Burns, Clarence H. Chase, Leila Colwell, Forrest Garner, Austin C. Hoffman, Bion S. Hutchins, Jr., Schuyler F. Kollar, Vernon M. Norrish, Laverne H. Raynesford, Harvey W. Rogler, Helen L. Rogler, Vera (Chubb) Russell, Fred W. Schultz, Paul Speer, Charles W. Stratton, Raymond H. Stewart, Clif J. Weeks, Mary Lois Williamson, Everett B. Wisecup, Albert H. Bachelor, Paul T. Brantingham, Esther M. Cormany, Bert A. Crowder, Fred P. Eshbaugh, Orrell C. Ewbank, Earl V. Farrar, Ferol (Stickel) Hays, Senn H. Heath, Elma (Hendrickson) Halbower, George F. Johnston, Harry L. Lobenstein, Robert V. Macias, Harry D. Nichols, Elmer D. Nygren, Harold M. Porter, Harold G. Rethmeyer, f. s., Christian E. Rugh, Raymond L. Scholz, John H. Shirkey, Harry E. Skoog, H. A. Stewart, Clifford H. Strom, Fred J. Sykes, Achsa (Johnson) Sykes, Clarence J. Tange-man, George S. Wheeler.

CLASS OF 1927
Paid-up: D. Marguerite Akin, Edith E. Ames, B. Lowell Barr, T. Lovell Barr, Helen (Batchelor) Pierson, Clarence P. Bayles, Guy C. Bigelow, Rush-ton G. Cortelyou, Raymond H. Davis, Oscar K. Dizmang, Gerald E. Ferris, Olive M. Flippo, Stella M. Heywood, Wilma I. Hotchkiss, Mignon C. House, Maggie L. Jeffrey, Carry (Justice) Ful-kerson, Brighton A. Kahn, Albert S. Kinsley, Anna Marie Larsen, Vera I. Lindholm, Ralph W. McBurney, Meda (Masterson) Nelson, Bernard I. Melia, Alice E. Miller, Elizabeth Mills, Clarence E. Morlan, John Morlan, Homer L. Parshall, Georgia G. Persons, Edwin E. Peterson, Ralph Schopp, Henry C. See-kamp (deceased), Esther Sorenson, George J. Stewart, E. Lee Thackrey, Crystal L. Wagner, Vesta M. West, John T. Whetzel, Avis Wickham, George H. Wishart.

Pledges: Margaret (Adams) Nelson, Kenneth O. Alberti, Harold R. Batche-lor, Mildred H. Bobb, Chris R. Bradley, Horace A. Brockway, A. Max Brum-baugh, Ernest I. Chilcott, Daisy D. Da-vidson, David E. Deines, John Dill, Jr., Charles L. Erickson, Herbert B. Evans, Vernett E. Fletcher, Louis E. Fry, Irma R. Fulhage, Howard W. Garbe, Helen

J. Greene, Emory C. Grove, Joe D. Haines, Clara (Shaw) Herrick, Hypatia (Wilcox) Holm, Mary (Pinkerton) Jones, J. Harold Johnson, Minnie F. Johnson, Ralph E. Kimport, E. H. Leker, M. S., Ellis B. McKnight, Charles L. Marshall, Herschel O. Morris, Major F. Mueller, Hannah B. Murphy, Nancy M. Mustoe, Cecille M. Protzman, Stephen M. Raleigh, Bertha (O'Brien) Shields, Maud E. Stitt, Harold M. Wed-die, Ruth V. Welsh, Ramon A. Acevedo, Curtis C. Alexander, Jr., Paul A. Axtell, Guy N. Baker, Harris F. Beecher, Everett L. Blankenbaker, Dee Bowyer, Lynn H. Bradford, Paul O. Brooks, Kenneth A. Burge, Elmer L. Canary, Earl P. Carr, Harold B. Carter, James P. Caster, Arthur E. Churchill, Orin K. Correll, Max E. Crannell, Duard E. Enoch, Claribel (Grove) Costello, Lydia A. Haag, Alma L. Hochuli, Ray-mond E. House, Norman H. Howell, Vivian (Jewett) Johnson, Harvey S. Johnson, John Oscar Johnson, Kenneth W. Knecht, Thomas H. Long, Hazel G. Miller, Horace A. Mills, Mina (No-vak) Royal, Maurice E. Osborne, Thom-as R. Reitz, Ralph H. Rhoades, Lillian Mae Roush, Annalou (Turner) Rucker, Myron L. Sallee, Ellmore F. Sanders, Meredith W. Smith, Dorothy M. Stahl, Ralph D. Walker, Leo K. Willis.

CLASS OF 1928
Paid-up: Anna E. Allen, Irvin M. At-kins, Milburne C. Axelson, Lillian L. Bedor, Ruth L. Bowman, Margaret K. Burtis, Joseph H. Church, Helen M. Clydesdale, Claire E. Cox, Clarence E. Crews, Fern E. Cunningham, Esther E. Dizmang, Kennis Evans, Clarence K. Fisher, Eldon T. Harden, Sherman S. Hoar, Vera F. Howard, Glenn I. John-son, Alice (Johnston) Hubbard, Flor-ence M. Larmer, Ragnar N. Lindburg, Catharine L. Plomer, Victor E. Rucker, Thomas E. McCarty, Roy L. McCordell, Lyle Mayfield, LeRoy E. Melia, Gene-vieve K. Mickelson, Harold E. Myers, Jennie V. Nettroter, Daisy Osborn, f. s., Opal F. Osborne, Albert H. Ottaway, Ruth Schlotterbeck, Susan Scott, Lon-nie J. Simmons, Mildred (Loveless) Skinner, Bernice E. Sloan, Edna C. Stewart, Harvey J. Stewart, Robert W. Tulloss, Francis D. Wilson.

Pledges: Dorothea P. Arbuthnot, Frances M. Backstrom, Jesse G. Barn-hart, Kay H. Beach, Drew E. Bellairs, Arthur W. Benson, Dorothy (Bergsten) Chalk, Hale H. Brown, Lucile E. Burt, Laurence M. Clausen, Frances H. Cun-ningham, Lena A. Darnold, Carrie E. Davis, Helen O. Freeburg, Ora A. Hat-ton, Elmer F. Hubbard, Philip J. Isaak, Amy (Jones) Tillotson, James H. Kirk, Margaret A. Koenig, Russell E. Mc-Conkey, Lois E. McNitt, John C. Noble, Linus A. Noll, Willis F. O'Daniel, Thomas A. Poole, Myra T. Potter, Mae I. Pride, Margaret E. Quail, Clare (Rus-sell) Ottaway, Frances (Schepp) Wil-kie, Harvey W. Schmidt, Christine Marie Shields, Esther O. Snodgrass, Amy V. Stewardson, Francella Strat-ton, Oliver E. Taintor, Glenn E. Thom-as, Francis L. Timmons, Loren F. Un-geheuer, George B. Wagner, Richard E. Warner, Albert M. Watson, Emmons L. Arnold, Ruth E. Barnhisel, James C. Bruce, Joseph E. Cress, Velma (Criner) Grothusen, Nettie D. Darrah, Rex K. Davis, Everett E. Frey, Clarence O. Jacobsen, Arline Johnson, Esther L. Johnson, Vera L. Knisely, Ruby E. Knorp, Harold G. Lewis, Everett L. McCallander, Paul M. McMains, Vernon I. Masters, Harold L. Murphy, Margaret I. Naylor, Vance M. Rucker, Paul W. Russell, Lucille A. Sellers, Oren L. Shelley, James R. Wells.

CLASS OF 1929
Paid-up: Miriam E. Brenner, Helen V. Cortelyou, W. Garnet Cridfield, Eliza-beth Fairbank, Theodore F. Guthrie, Jr., Ralph T. Howard, Renness I. Lun-dry, Eula F. Morris, Carrie A. Paulsen, Mabel G. Paulson, Irene J. Rogler, Ida E. Snyder, Helen G. Trembley, Bertha E. Wentworth, Merle G. Mundhenke.

Pledges: Inez P. Anderson, Earl B. Ankenman, Noel G. Artman, Edgar L. Barger, Scott R. Bellamy, Silas S. Bergsma, Loyle W. Bishop, James L. Blackledge, Hobart P. Blasdel, Floyd A. Blauer, Roy E. Bonar, Bertha J. Boyd, Carolyn M. Brandesky, Helen B. Brewer, James B. Brooks, Alma E. Brown, Doris I. Bryan, Omar L. Bu-

zard, George J. Caspar, Jr., E. Garth Champagne, Tudor J. Charles, Jr., Charles F. Chrisman, Melvin C. Coff-man, Paul S. Colby, Bessie M. Cook, Walter M. Crossen, Loyal H. Davies, Ruth Davies, Hope Dawley, Linnea (Carleton) Dennett, Viana R. Dizmang, Rebecca L. Dubbs, Norton T. Dunlap, Martin K. Eby, Helen R. Eling, Frank L. Fear, Jr., Theodore R. Freeman, Ruth I. Frost, Chester A. Garrison, Harold D. Garver, Cora Mae Geiger, William Gosney, Ogden W. Greene, Ce-cil E. Hammett, Lee E. Hammond, Vi-ola G. Hart, Elizabeth Hartley, Harvey R. Harwood, Virginia (Hawkins) Noble, Helen C. Heise, J. Roe Heller, Margaret (Hemphill) Baldwin, Finis E. Hender-son, Ruth Holton, M. S. Hazel J. Hotchkiss, Mildred Huddleston, Fred L. Huff, Francis W. ImMasche, Dorothy A. Johnson, Francis E. Johnson, Clair Jordan, Samuel G. Kelly, Terrell W. Kirtan, Norma L. Knoch, Leonard W. Koehler, Josephine E. Koenig, Emil E. Larson, Donald C. Lee, Lenore Mc-Cormick, James D. McGregor, Hazel A. McGuire, Agnes V. McKibben, Mar-jorie E. Mirick, Ralph W. Mohri, Mat-tie L. Morehead, Fred R. Mouck, Fred I. Nevius, M. Bertrand Pearson, Craig E. Pickett, Ray L. Remsburg, Marguer-ite L. Richards, Wilma W. Sanders, Charles F. Sardou, Emma Schreiner, Florence C. Sederlin, Walter E. Selby, Ida M. Shrontz, John P. Smerchek, James A. Stewart, Lee R. St. John, Carol L. Stratton, Cora E. Thomas, Raymond J. Tillotson, John W. Truax, James F. True, Jr., Ruth L. Turner, Martin Van Der Maaten, Forrest B. Volkel, Kirk M. Ward, Beatrice S. Warner, Lula (Parker) Wertman, Fran-cis E. Wiebrecht, M. Christine Wiggins, Helen M. Wilmore, Temple F. Winburn, Leslie M. Wolfe, Ernest B. Woodward, Edward E. Wyman.

LOOKING AROUND

KENNEY L. FORD

Visiting alumni who return for commencement and feel that a game or two of golf should be part of the program are urged to bring their sticks.

Arrangements have been made at the alumni office to secure guest tickets for reunion visitors through local alumni who are members of the Man-hattan Country club.

Many of our former students who do not hold a degree from the col-lege have the mistaken idea that they are not eligible to membership in the alumni association. A few even hesitate about attending alumni functions.

The constitution of the K. S. A. C. Alumni association states that:

"The association shall consist of:

(1) All persons holding degrees from the Kansas State Agricultural col-lege, and (2) Former students who have complied with the requirements for any form of membership."

Doubtless the reason for the lack of participation of many former stu-dents in alumni activities is due to the fact that they are not included in our alumni files in the alumni office, and consequently do not re-ceive membership notices, compli-mentary copies of THE INDUSTRIALIST, or other alumni mailing pieces un-less they are members of the asso-ciation.

As soon as the finances of the as-sociation will permit, our former students doubtless will be added to our alumni list. Until then, mem-bers of the association should use their influence toward making our former students feel at home in our alumni circle.

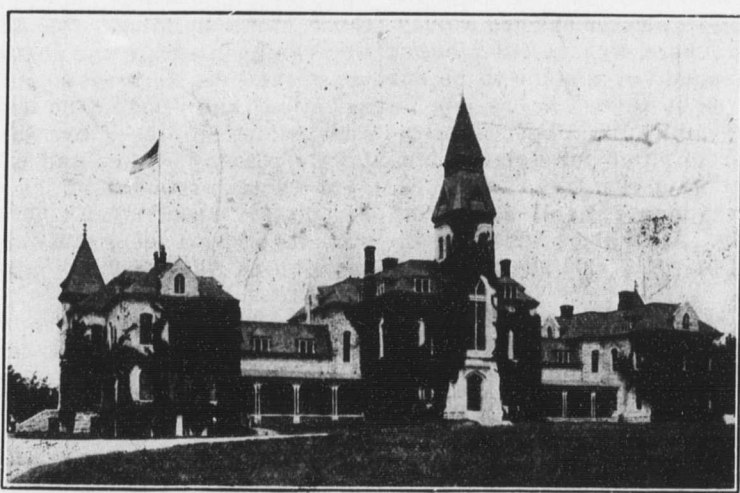
The following list of paid-up life members in the alumni association since January 1, 1930, shows that the life membership is popular with K. S. A. C. alumni. They are:

Irene Rogler, '29, Hutchinson; Ab-bie Clair Dennen, '21, Chicago, Ill.; Ida E. Snyder, '29, Louisville; Rose T. Baker, '17, Philadelphia, Pa.; Os-car K. Dizmang, '27, Lombard, Ill.; Myra E. Scott, '21, Manhattan; Evan L. Griffith, '22, Manhattan; Eula F. Morris, '29, Yates Center; H. D. and Myrtle (Kahl) Ireland, '07, Mont-rose, Colo.; Renness I. Lundry, '29, Arlington; Bertha E. Wentworth, '29, Chase City, Va.; Homer L. Par-shall, '27, Kansas City, Mo.; Avis Wickham, '27, Glen Cove, L. I., N. Y.; T. M. Wood, '06, Keats; W. Gar-net Cridfield, '29, Atwood; Lyle May-field, '28, Ashland; Miriam E. Bren-ner, '29, Larned; Clarence F. Bayles, '27, Clay Center, Neb.; Edith Grund-meier, '22, E. Lansing, Mich.; Earl H. Martin, '12, Pratt.

A few of our former students are active members in the alumni asso-ciation. The life members are: Fred M. Seekamp, f. s. '98, and Daisy Os-born, f. s. '28. The life pledges are: Morris H. Ginter, f. s. '00, Lenore (Nicholas) Frank, f. s. '14, Chester C. Brewer, f. s. '17, Floyd Northrop, f. s. '25, and Harold G. Rethmeyer, f. s. '26.

Hundreds of our former students would affiliate with the association if the opportunity were presented to them.

Build Yourself into K. S. A. C.



A life membership makes you a vital part of K. S. A. C. for all time to come. All life membership money goes into the alumni loan fund and is used to aid worthy students at K. S. A. C. (Life membership includes life subscription to THE KANSAS INDUSTRIALIST.)

Fill out one of the following options and mail to the alumni office. Life memberships are \$50 for one and \$75 for man and wife.

I, _____, of the _____, class of K. S. A. C. do hereby apply for life membership in the K. S. A. C. Alumni association. In consideration I promise to pay the following amounts when due:

1. ☐ \$50.00 on or before _____, 193....

2. ☐ \$50.00 in 10 successive monthly installments of \$5 each, beginning _____, 193....

3. ☐ \$13.00 on or before _____, 193....
\$12.40 on or before June 1, 193....
\$11.80 on or before June 1, 193....
\$11.20 on or before June 1, 193....
\$10.60 on or before June 1, 193....
Signed _____

TEN BIG CLASS REUNIONS PLANNED FOR ALUMNI DAY

REPRESENTATIVES OF CLASSES FROM 1880 TO 1925 INCLUSIVE
URGE FORMER FELLOW STUDENTS TO RENEW ACQUAINTANCES WITH FRIENDS AND COLLEGE

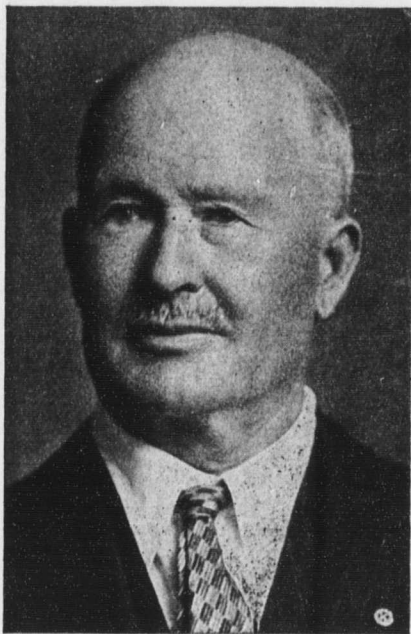
With reunions of 10 classes, from 1880 to 1925, inclusive, planned as one of the main features of commencement week, Manhattan representatives of each of the "reunion classes" have written letters urging their former fellow students to come back to renew acquaintances with old friends and with K. S. A. C.

The invitations of Manhattan members of the various classes are as follows:

The graduating class of 1880, 50 years ago, numbered seven. Three of the class are living—Grace Parker Perry, Portland, Ore.; Noble A. Richardson, San Bernardino, Calif.; and Emma Knostman Huse, Manhattan. It is hoped that this class will have a full representation at the commencement of 1930.

—Emma Knostman Huse.

Albert Deitz, '85, Kansas City alumnus, made sure that his life and personality would always be a part of K. S. A. C. when he established the Albert Deitz unit recently in the



ALBERT DEITZ, '85

alumni loan fund. Deitz already had a paid-up life membership in the alumni association, but felt that he wanted to do more for the loan fund. The Deitz unit and other similar gifts and bequests are destined to render a great service to future students at K. S. A. C.

Deitz plans to visit the campus and his classmates at their 45-year reunion this year at commencement. Doubtless their reminiscences will be most enjoyable. They may remind the class of 1930 that there was no loan fund in their student days, that 10 cents per hour was paid to student help, that the residence section in Manhattan west of the park was a pasture then, and that Albert Deitz was the first Kansas Aggie to kick a football on the K. S. A. C. campus. Anyway, we hope that the '85's are all back to congratulate Deitz for his splendid loyalty.

Deitz has two children who are also Kansas Aggies: Florence (Deitz) Grohme, '13, of Joliet, Ill., and William Deitz, '16, Topeka.

To all surviving members of the class of 1890—Greetings and all the rest of it that you individually and collectively care to have said: This line is to remind you that the coming commencement is the fortieth anniversary of the day President George T. Fairchild handed you each a sheepskin guaranteed to endure the world out of a living, etc.

The college is furnishing free gratis for nothing a brand new cap and gown, a reserved seat and other honors and emolument to all those who return this year for commencement doin's.

No one can get anything in absentia, so govern yourselves accordingly. Let's have a rousing big reunion.

Come and bring your husband, wife, and kids, if any. Everything free, for you to pay for, but the cap and gown. For further information, passes, rooms, etc., it's all up to Kenney Ford, alumni secretary.

Yours cordially in remembrance of the years we were it.

—W. H. Sanders.

To the members of the class of '95: Welcome to our class reunion. The thirty-fifth, did you say? Yes, we have to admit it. But let us not admit that we are not alive. First write the secretary a letter bringing yourself as a '95'er up to date. Second, send a number of kodak pictures for our large kodak book. Lastly, come in time on Tuesday, May 27, for our class banquet at 6 p. m.

—Ada Rice, secretary.

To the class of 1900:

This is again our reunion year. Five years ago a goodly number of us came back to the campus to review together a quarter-century of experience and to see how time had dealt with our classmates. Now, on the thirtieth anniversary of our graduation, let us again report in person, if possible, otherwise by letter.

Come and see what progress the college is making. Come meet your friends of undergraduate days face to face, clasp hands, and get the thrill of the old college atmosphere. If you cannot be present for all commencement week, plan to be here for Wednesday, May 28, which is alumni day. The local members of the class will arrange for a class luncheon, we can attend together the alumni meeting in the afternoon, and have a table of our own at the banquet in the evening. Let us hear from you if you are coming, and if it is impossible for you to be present, send a letter of greeting to your classmates and report your activities during the past five years.

Address your letters to C. M. Correll, K. S. A. C.

Dear Members of the Class of 1905:

As one of the Manhattan '05's, I have been asked to remind you that we are approaching the "Sunset Trail," and regardless of how young you may feel, or look, or make others believe you are, the fact remains that a quarter of a century has elapsed since President Nichols thrust into our eager hands those little white rolls, daintily tied with rose and white, and bade us godspeed (with undue accent on the "speed") on our way to see what we could do to the world and what the world could do to us.

If you have read your INDUSTRIALIST you know that the class of '05 will have a reunion May 28, and we hope you are all planning to be in Manhattan at that time. The '05's never were pikers. Whatever faults we may have had—and we were not all perfect—we never shirked a duty. Whenever there was a bell clapper to be "clapped" or a stone to be cut we were right there on the job, as the '04's can testify. Let us maintain our reputation for doing things and make this reunion a real success. Come one and all and bring the family. All will be welcome, including the '04's related to us by marriage.

Those of you who come by train may miss Coffey's old ten-cent hack and Grif Chitty's laundry wagon at the station, but the Manhattan bus system is almost as efficient and reliable.

Neither Harry Umberger nor A. F. Turner had time to write this letter but they are going to take time to do "the heavy" in entertaining you commencement week.

Yours for a record breaking reunion attendance,

—Gertrude Nicholson.

To the Class of 1910:

The response to the letter I sent to each of you some time ago relative to our reunion at K. S. A. C. during commencement week this year was so encouraging we have gone ahead with arrangements for this reunion with a great deal of enthusiasm and I am sure it will be a very happy occasion for all of us.

If for any reason any member of the class cannot be present, write a letter telling something of the story of your life since 1910. This will be very much appreciated by all present.

—C. W. McCampbell.

K. S. A. C. cordially invites each member of the 1915 class to attend

the commencement program and the fifteenth anniversary celebration commemorating the graduation of that class. It is with pardonable pride that your alma mater wishes you to see the progress she has made during the past decade and a half. New walks, new buildings, and new trees have made their appearance, so that the campus is far prettier than it was even when we went to school. Your old friends on the faculty, however, are for the most part still here. They will be mighty glad to see you again, to talk over old times, and to explain why they gave you a P when you expected an E.

Manhattan itself has improved by leaps and bounds, but you will still be able to make out the old landmarks—the same down-town movie palaces, the drug stores, and other places where you used to absorb higher education. Some of the trees at Wildcat and Hackberry Glen have been cut down, but these and other beauty spots still make their seductive appeal to the Fifteeners who used to love to hike and to go picnicking.

A varied entertainment will be offered—baseball, banquets, etc., but best of all will be the meetings of friends, the renewal of old acquaintances, the gabfests, and all the things that go with an event of this kind.

K. S. A. C. urges you to come early, stay as long as you will, and relive some of your college days. Bring the youngsters or check them at the home office, whichever will provide the best time for you because this is to be a good time party.

—Henley Haymaker.

Members of the class of 1920: After 10 years of hard work we are to return to K. S. A. C. for a few days of play when we renew friendships with our class members and instructors. Dean Willard, Doctor King, Mike Ahearn, Miss Derby, Doctor Harman, and many others who struggled with us are here to greet us.

The campus has undergone many interesting changes. Anderson avenue is paved and the "Galloping Goose" is forgotten; the power house is completed; the new library is the pride of the campus; the cafeteria and tea room have room for all of us. Plan to attend this class reunion.

—Esther Bruner.

To the Class of 1925:

Remember back in the good old days of 1925, and those wonderful, glorious two or three or four years preceding? Of course you do now but how about in another five years?

Time flies along, you know. Only last fall and the fall before you planned that dreamed-of visit to the campus, only to put it off again. But let us warn you, take heed, and grasp this bit of friendly advice: even those stone buildings you knew so well can disintegrate and change with the years, even such robust stalwarts as "Mike" and "Doc" King might age and become so dim of eyesight as to fail to recognize you—and even you (but we can't conceive of this) might become so "busy," "can't get away," etc., that you'll let a steadily growing Kansas Aggie campus grow clear away from you.

But no! Five years is a short time; none of these things has so far taken place, and none of them will! We'll visit that good old campus often, we'll chin with Mike and Doc, throw slang with the undergrads, and throw everything but the truth with the old gang of 1925.

In short, we're intending to hold a grand and glorious class of '25 reunion—and we're asking you, threatening you, cajoling you, pleading with you, telling you now that

you must be here! —Eva (Timmons) Womer and Kenneth Chapell.

1930 Baseball Schedule

Apr. 5—St. Mary's 1, Aggies 3.
Apr. 11—Oklahoma 6, Aggies 6.
Apr. 12—Oklahoma 4, Aggies 1.
Apr. 21—St. Mary's at Manhattan.
Apr. 25—K. U. at Manhattan.
May 9-10—Missouri at Manhattan.
May 16-17—Iowa State at Ames.
May 20-21—Oklahoma at Manhattan.
May 23-24—Nebraska at Manhattan.
May 27-28—K. U. at Lawrence.

STARK TO CREIGHTON AS FOOTBALL MENTOR

Former Aggie Star Halfback Succeeds Chet Wynne at Missouri Valley School

Arthur (Art) Stark, '28, was announced last Sunday as new head coach of football at Creighton university, Omaha, succeeding Chet Wynne, who will become head coach at Alabama Polytechnic institute, Auburn, Ala.

Stark is now head coach and athletic director at Chadron State Teachers' college, Chadron, Neb., where his football teams are said to have lost only three games out of 27 played under his tutelage. He was halfback on the Aggie football team



ARTHUR STARK

in 1921, 1922, and 1923, and in his last year was an All Missouri Valley and All Western selection. He was half the famous Stark-Swartz passing combination which hung up various fancy records in completed passes.

Stark went through school with the 1924 class, but did not complete his requirements for a degree until 1928. He coached all sports at Manhattan high school for a year, spent two years as assistant coach of football and head coach of track at Haskell institute, and has been at Chadron three years. He is married and has two children.

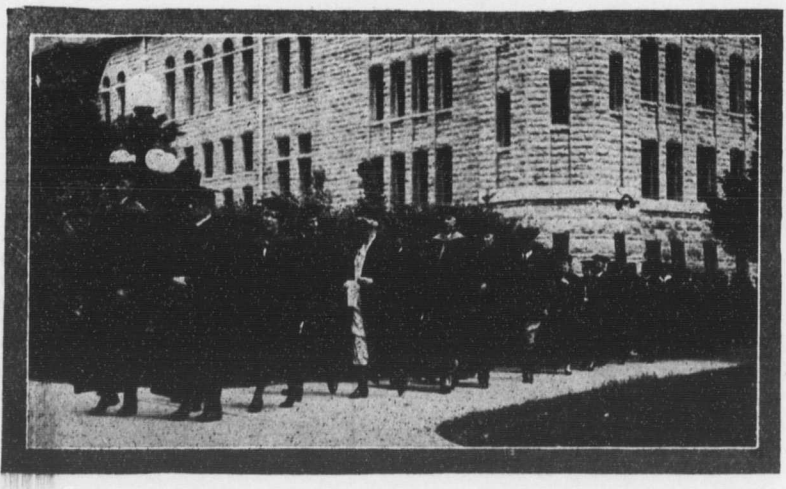
DANFORTH SCHOLARSHIP AWARD TO BRUCE TAYLOR

Eight Week Course and Cash Have Total Value of \$400

Bruce R. Taylor, junior in agriculture from Alma, has been chosen by the K. S. A. C. committee on Danforth foundation scholarships to receive a cash award and summer training course valued at \$400. The Danforth foundation annually gives a number of \$250 cash scholarships and in addition pays, to those chosen, \$25 weekly for attendance at a six week course at the Purina Mills in St. Louis. This course is followed by two weeks of leadership training at the American Youth Foundation camp on Lake Michigan.

George Brookover of Eureka was named alternate in case Taylor does not accept the Danforth award.

Commencement



AGGIE BASEBALL TEAM LOSES, TIES, AND WINS

OKLAHOMA WINS 4 TO 1 AFTER FIRST-DAY DEADLOCK

Eldon Auker Pitches One-Hit Game Against St. Mary's College—Two Hits and Stolen Base Give K. S. A. C. Winning Run

One baseball victory, a tie, and a defeat are to be chronicled since the last issue of THE INDUSTRIALIST.

The Aggies opened the Big Six season at Norman April 11 by playing an 11-inning tie, 6 to 6, which was called on account of darkness. The Wildcats had a comfortable lead over Oklahoma until the eighth inning, when the Sooners ran over three runs.

The score by innings:

	R	H	E
Kansas Aggies	210	010	101
Oklahoma U.	000	010	032
Batteries	Barre, Doyle, and Meissinger; Churchfil, Price, and Watson.		

On the second day Oklahoma turned back the Aggies 4 to 1. The Aggies were unable to hit Udell Price, Oklahoma sophomore, and the Sooners were likewise baffled by A. H. Freeman, but Oklahoma fielders seemed much more accustomed to fielding conditions at Norman and gave Price much the best support. The official box score gave Oklahoma four hits and the Aggies one, though Aggie players were inclined to claim at least two more hits, which were scored as Oklahoma errors.

The score by innings:

	R	H	E
Kansas Aggies	000	010	000
Oklahoma U.	000	010	021
Batteries	Freeman, Doyle, and Meissinger; Price and Watson.		

On Monday, April 21, the Aggies defeated St. Mary's college for the second time this season, 1 to 0. Eldon Auker, pitching his first full game, held the Knights to one hit and his mates performed as brilliantly afield as they did weirdly at Oklahoma. The two losses to the Aggies are the only defeats suffered by St. Mary's this season.

Burns, St. Mary's pitching star, allowed the Aggies only four hits but two of these were in the fifth, and together with a stolen base were sufficient for a run. Nigro singled, but was caught at second when McCollum attempted to sacrifice. McCollum then stole second, went to third on a fielder's choice, and came home on a clean single by Meissinger.

Only 29 batters faced Auker in nine innings, and Burns pitched to only 28 in eight innings. Auker had 9 assists and 4 strikeouts to his credit. McCollum and Fiser had good days afield, the former accepting several chances without error while the latter once pulled down what appeared a safe hit and a second time caught the runner at first after what seemed a sure single. St. Mary's lone hit was a double by Worth.

The score by innings:

	R	H	E
St. Mary's	000	000	000
Kansas Aggies	000	010	00x
Batteries	Burns and Patterson; Auker and Meissinger. Umpire—Larry Quigley, St. Benedict's. Time 1:20.		

JAMES F. PRICE TO SHANGHAI AS FINANCE COMPANY ADVISOR

Will Take Kansas Bar Examination Before Sailing in August

James F. Price, '27, son of Professor and Mrs. R. R. Price, has been engaged as legal advisor for four finance companies, making headquarters in Shanghai, China.

After graduation from Manhattan high school in 1923, Price took advantage of a scholarship at Swarthmore college in Pennsylvania for one year and then spent two years at K. S. A. C., where he was active in athletics, making letters in tennis, football, and basketball. He next studied on the University Afloat, where he was student president.

After graduating from K. S. A. C., Price studied at Sarbonne university in Paris, and then returned to the United States for a three-year graduate course in law at Leland Stanford university, from which he will be graduated next June. He plans to take the California bar examination next month.

Price will return to Manhattan sometime in May to take the state bar examination and will sail for China in August. There he will be employed by the Raven Trust company, the American-Oriental Banking corporation, the American-Oriental Finance corporation, and the Asia Realty company.

HISTORICAL SOCIETY - C
TOPEKA, KAN.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, April 30, 1930

Number 28

MILLERS TALK SHOP REGARDLESS OF RAIN

MORE THAN 100 REGISTERED FOR
SATURDAY MEET

College Research Men Reported Results of Their Work in Forenoon—Fumigation Methods Discussed at Afternoon Conference

A steady, drizzling rain of last Friday night and Saturday was not sufficient to detain more than 100 millers, mill executives, and representatives of allied trades who came to the college to attend the annual joint meeting of districts No. 1 and 2, Association of Operative Millers, last Saturday. The two district organizations joined with members of the college department of milling industry in offering the day's program.

The forenoon program, devoted to a tour of the experimental mill and reports on results of research made by the college, brought out differences of opinion on the breaking practices of some Kansas mills. An extensive study, made and reported by R. E. McCormick, showed wide variations in methods used by many mills covered in the study. The millers argued that a correct or "ideal" breaking practice probably could be recommended if all mills were uniform in equipment, but lacking this uniformity, such a correct practice is difficult to define.

HOW WHEAT ABSORBS WATER
Prof. R. O. Pence of the college reported the results of his studies into the rate of water absorption in wheat during tempering. Wheat immersed in water for the following periods of time absorbed moisture as follows: 10 minutes, 6.8 per cent; 30 minutes, 10.33 per cent; 40 minutes, 12.07 per cent; 15 hours, 46.40 per cent.

These results were at ordinary room temperatures. Calculations as to the absorption at different temperatures were made with the following results (in 8 hours time): 43 degrees F., 23 per cent; 80 degrees F., 38 per cent; 104 degrees, 49 per cent.

Pence's studies went into the matter of how the water enters the wheat kernel, and demonstrated that it penetrates all parts of the bran coat rather than only through the germ, as many millers have contended. In the tests wheat was immersed in water, which, though different from the common practice of tempering, is subjecting the wheat to substantially the same principles of absorption. Pence pointed out that these tests dealt with the amount of absorption, or water taken into the grain. Adsorption, or the adherence of water to the surface of the grain, was eliminated by placing the grain in a centrifuge following immersion, thus throwing off water adsorbed.

Dr. C. O. Swanson, head of the college department of milling industry, discussed experimental work relative to the influence of length of scouring and wetting before scouring.

THE INSECT PROBLEM
That old bit of wisdom to the effect that "cleanliness is next to godliness" is not particularly out of place as a guide to the miller who wishes to keep his premises free of insects, the afternoon symposium on fumigation methods brought out. Cleaning of elevator boots and other harbors of pests once a week will go a long way toward eliminating the trouble, visiting millers agreed. The success of any method of fumigation resolves itself into a case of proper concentration and diffusion of the gas or heat used, according to Gilbert Schenk, the Geo. C. Gordon Chemical company, Kansas City.

Though he discussed individual cases where fumigation with varying results was effected, and pointed out reasons for the results, Mr. Schenk maintained each mill is a particular problem unto itself because of conditions peculiar to each mill, or warehouse. Whether heating or one of many commercial fumigants is used, care must be taken to see that every elevator leg and spout, every nook

and corner of the inclosure is reached by a killing concentration of the destructive agent. With this in mind, studies now are being made to effectively distribute gas or heat, as the case may be.

H. D. Barnes Steps Up
H. D. Barnes, '20, of Chanute, is now construction engineer for the Kansas highway commission, directing all of the construction work on roads and bridges after the plans are made and the contracts are let. Barnes, who succeeds C. I. Felps, resigned, was formerly division engineer with the highway commission.

MANY ATTEND FUNCTION HONORING SHAKESPEARE

Banquet Honoring Memory of Great English Artist Probably Will Be Held Annually

Nearly 250 persons attended the first of what probably will be an annual series of Shakespearean banquets at Thompson hall Thursday, April 24.

President F. D. Farrell was master of ceremonies, and had as his guests General A. G. Lott and Mrs. Lott, of Fort Riley; Lieutenant E. H. McDaniel, aide-de-camp to General Lott, and Mrs. McDaniel, and Mr. and Mrs. Charles M. Harger, of Abilene.

The following program was given:
"Who Is Sylvia?".....Schubert
"When Icicles Hung by the Wall".....Guard-Selby
"It Was a Lover and His Lass".....Nevin
College Quartet
A Symposium
Shakespearean Controversies.....Dean J. T. Willard
Shakespearean Scholars in America.....Dean Margaret Justin
Shakespearean Actors.....Prof. H. W. Davis
Shakespeare's Influence Abroad.....Prof. John V. Cortelyou
"Blow, Blow, Thou Winter Wind".....Sarjeant
Horatio Farrar
Sonnet.....Shakespeare
Mrs. Mary Myers Elliot
Selections from "Midsummer Night's Dream".....Mendelssohn
College Trio
Scenes from Shakespeare
Hamlet's Soliloquy.....Mr. Lindquist
Romeo and Juliet, The Balcony Scene.....Mr. Heberer, Mrs. Sayre
March Miniature.....Kreisler
College Trio

CATTLEMEN ATTEND 18TH ROUNDUP AT FT. HAYS

Rain Cuts Into Attendance of Annual Farmers' Event

Western Kansas cattlemen and farmers attended the eighteenth annual roundup at the Ft. Hays branch agricultural experiment station at Hays last Saturday. Continued rain and resultant muddy roads cut the attendance down below that of recent years. Results of experiments in feeding western Kansas roughage crops and grain were reported to visitors by Dr. C. W. McCampbell, head of the K. S. A. C. department of animal husbandry. A summary of data on the tests will be carried in an early issue of THE INDUSTRIALIST.

TWO SCIENTIFIC SOCIETIES PLAN JOINT MEETING FRIDAY

Sigma Xi and Chemical Society to Hear Dr. C. A. Mills

A joint meeting of the local chapter of the American Chemical society and Sigma Xi will be held Friday night, May 2, at 8 o'clock in C 26. It will be open to the public.

Dr. C. A. Mills, Ph. D. and M. D., professor of medicine at the medical college of Cincinnati university, will lecture on "The Effects of Climate on Metabolism and Metabolic Diseases." Doctor Mills spent two years in China studying the effect of climate on metabolism and has spent the last year continuing the study in the United States, with animals under controlled laboratory conditions.

Sewage Disposal
A new publication issued by the Kansas State Agricultural college is extension circular 77, "Sewage Disposal for Kansas Homes." It tells all about installing a sewage system and makes recommendations for the most satisfactory and lasting materials.

MANY WINNERS NAMED IN CHICK-EGG CONTEST

ENTRIES CAME FROM DISTANT STATES

Total Figures On Show Were 4,475 Chicks, 4,224 Eggs. Superintendent Says—Hatchery Buys Birds at 53 Cents Each

Among prominent winners in the annual baby chick and egg show sponsored by poultry students at the college last week were Ross Brothers hatchery, Junction City; Maneval chickerries, Frankfort; Mrs. Ed A. Holm, Manhattan; Ray Babb, Wakefield; and the Midwest Poultry farms and hatcheries at Burlingame. It was these firms or individuals which were mentioned most frequently as winners in the baby chick classes, and Mrs. Holm and Mr. Babb on egg entries. Mrs. Holm's egg entry in the commercial class made the unusual score of 98, winning the sweepstakes of the class as well as a silver trophy offered for white eggs.

Chick entries in the contest totaled 179 and egg entries 237, according to Superintendent E. M. Leary of Lawrence. Translated into total chicks and eggs this means that 4,475 chicks and 4,224 eggs were on display. Among the entries were some from Petaluma, Calif.; Everett, Wash.; and Georgia, with many from Ohio and Michigan.

All chick and egg entries were sold to defray expenses of the show. Ross Brothers hatchery, Junction City, paid 53 cents per bird for the 25 chicks shipped from the Pioneer hatchery at Petaluma, Calif. Unusually high records appear in the pedigrees of the entry. First and second places in various classes follow:

Judging by farm women—Mrs. Geo. Kratochil, Irving, first; Marie Heller, Riley, second; Mrs. Albert Berggren, Riley, third.

BABY CHICK SUMMARY

Grand champion—Maneval chickerries, Frankfort, first; total points, 85; Ross Brothers hatchery, Junction City, second, 81.

Champion, highest average score—Midwest Poultry farms and hatcheries, Burlingame, score 95.95; Ross Brothers hatchery, Junction City, second, 95.65.

Sweepstakes, highest scoring entry—Midwest Poultry farms and hatcheries, Burlingame, score, 97.25.

White Leghorns—Midwest Poultry farms, Burlingame, first; Steinhoff and Sons, Osage City, second.

Rhode Island Reds—Ross Brothers, Junction City, first; Maneval chickerries, Frankfort, second.

Barred Plymouth Rocks—Ross Brothers, Junction City, first; Steinhoff and Sons, Osage City, second.

Buff Orpingtons—Ross Brothers, Junction City, first; Maneval chickerries, Frankfort, second.

White Wyandottes—Ross Brothers, Junction City, first; Midwest Poultry farms and hatcheries, Burlingame, second.

White Plymouth Rocks—Maneval chickerries, Frankfort, first; Midwest Poultry farms, Burlingame, second.

Rhode Island Whites—Ross Brothers, Junction City, first; Tindell hatcheries, Burlingame, second.

Anconas—Mrs. Frank Williams, Marysville.

White Minorcas—Maneval chickerries, Frankfort, first; Ray Babb, Wakefield, second.

Miscellaneous—Ross hatchery, Junction City (light Brahmas), first; Berry Brothers, Atchison (Partridge Cochins), second.

OUT OF STATE CLASSES

American—Lakeview poultry farm, Holland, Mich., first; Ramseyer hatcheries, Oskaloosa, Iowa, second.

English—Lakeview Poultry farm, Holland, Mich., first; Ramseyer hatcheries, Washington, Iowa, second.

Asiatic—Ramseyer hatcheries, Oskaloosa, Iowa, first; Sturdy Baby Chick company, Springfield, Ohio, second.

Mediterranean—Ramseyer hatcheries, Oskaloosa, Iowa, first; Ramseyer hatcheries, Washington, Iowa, second.

STUDENT CLASSES

Sweepstakes were won by Chester Ward, who also won the cup for the senior division as well as first on brown eggs. White eggs—Dale Halbert, first; Loyle Miller, second.

Junior class, brown eggs—Eber Schultz, first and second; white eggs—Walter Babbitt won silver cup, first; E. H. Johnson, second.

Sophomore class, brown eggs—M. E. Saffrey, first. White eggs—Ralph Munson, first (also won sophomore cup); O. W. Kershaw, second.

Freshman class, brown eggs—Merle Chase, first; H. C. Parshall, second. White eggs—Paul Zemmer, first (also winner of freshman cup); Charles Light, second.

CERTIFIED AND ACCREDITED

White eggs—Mrs. C. J. Johnson, Manhattan, first (also winner of sweepstakes and cup for white eggs); Ray Babb, Wakefield, second.

Brown eggs—Ray Appleoffs, Hiawatha, first (cup for brown eggs); Mrs. Sara Sterling, Hope, second.

Breeders' class, White eggs—Mrs. Ed A. Holm, Manhattan, first and second (sweepstakes ribbon and cup on white

eggs). Brown eggs—Ethel Snider, Sabetha, first; Joe Mark, Manhattan, second.

High school class, White eggs—John Gutschaw, Wellsville, first and sweepstakes; Chanute trade school, Chanute, second. Brown eggs—Victor Warren, Wellsville, first; Orin Talbot, Manhattan, second.

Commercial class, White eggs—Mrs. Ed A. Holm, first (sweepstakes cup and cup for white eggs with a score of 98); Metz Packing company, Courtland, second. Brown eggs—Sid Fanner, Manhattan, first; Charles Ruggles, Logan, second.

TOTAL SCORE CONTEST

In the three year highest total score a \$10 prize was given to Ray Babb, Wakefield. His egg entries in the Kansas Accredited and Certified class had a total score of 280.5. Mrs. Ed A. Holm, Manhattan, was runner-up with a score of 278.25 in the breeders' class. Winners in the two year high total score contest were as follows:

Student class—C. Ward, Osawatomie, first, score 183.25; Loyle Miller, Lebanon, second, score 181.75.

Kansas Accredited and Certified class—Ray Babb, first, 199.75; Stewart Ranch, Goodland, second, 183.75.

Commercial class—Perry Packing company (plant), Manhattan, first, 191.87; Metz Packing company, (Ed Shackleton), Esbon, second, 191.25.

Breeders' class—Mrs. Ed A. Holm, Manhattan, first, 192; Joe Mark, Manhattan, second, 183.75.

High school class—Orin Talbot, Manhattan, first, 175.25; Archie Kearns, Manhattan, second, 171.25.

In the cake contest, sponsored to demonstrate the necessity of using good fresh eggs, winners were Mrs. J. E. Berggren, Manhattan, on angel food, and Mrs. Perry Putnam, Admire, on sunshine cake.

EMINENT SCHOOL MAN SPEAKS HERE IN JUNE

Dr. Leonard V. Koos, Chicago University, Will Address Junior College Visitors at K. S. A. C.

Members of the K. S. A. C. committee on junior colleges and others interested in educational problems have a treat to look forward to on June 20, according to Dr. John H. Parker, who announces a visit to the college by Dr. Leonard V. Koos of Chicago university, widely known author and authority on school administration problems. At that time all junior colleges of Kansas will be urged to send representatives to Manhattan for a junior college round table and to hear Doctor Koos.

Doctor Parker, Prof. M. A. Durland, and Dr. Margaret Chaney recently attended a meeting of the Kansas Public Junior Colleges association in Watson library, Kansas university, Lawrence. They conveyed to representatives of the junior institution that quality students are wanted and expected from the junior colleges. The records of former junior college students at K. S. A. C. show they are doing their part to uphold the scholastic standing of the student body.

COMMENCEMENT WEEK

Class Reunions	
'80	'05
'85	'10
'90	'15
'95	'20
'00	'25

SUNDAY, MAY 25

8:00 p. m. Baccalaureate services, college auditorium. Sermon by Dr. Albert W. Palmer, president, the Chicago Theological seminary.

MONDAY, MAY 26
Class Day Exercises

7:30 a. m. Breakfast for senior women by Mortar board, Thompson hall.

TUESDAY, MAY 27

3:00 to 5:00 p. m. Alumni-Senior reception, president's residence.

8:15 p. m. Commencement concert in compliment to the senior class, college auditorium. Kathryn Meisle, contralto, Roy Underwood, pianist.

WEDNESDAY, MAY 28

Alumni Day

2:00 p. m. Alumni business meeting, recreation center.

6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

THURSDAY, MAY 29

Commencement Exercises

9:30 a. m. Academic procession.

10:00 a. m. Graduation exercises, college auditorium. Address by Dr. Alfred Horatio Upham, president, Miami university.

Only the expenditure of human, animal, or inanimate energy produces wealth.

PHI KAPPA PHI HONORS 41 IN SPRING ELECTION

TWENTY-EIGHT SENIORS INCLUDED
IN SCHOLASTIC SOCIETY LIST

Names of Seven Graduate Students and Six Faculty Members On List Announced by Secretary—Undergraduates in High 10 Per Cent

Election of 41 Kansas State Agricultural college students and faculty members to the K. S. A. C. chapter of Phi Kappa Phi, national honorary scholastic society, was announced last week by Prof. Homer J. Henney, secretary. A brother and sister, Mary and Howard Jobling of Caldwell, were among the seniors elected.

Twenty-eight of those elected were undergraduates, seven were graduate students, and six members of the faculty. The undergraduates were all among the high 10 per cent in scholarship of the senior class. Approximately half the Phi Kappa Phi elections for each year are made in the fall semester, and the remainder at the spring semester elections.

Outstanding scholarship is the chief requisite for admission.

Those chosen for membership this spring are:

Division of agriculture—Frederick H. Schultis, Sylvan Grove; Raymond G. Frye, Freeport; Oliver G. Lear, Manhattan; Walter P. Powers, Netawaka.

Division of engineering—Roy H. McKibben, Kansas City; LeRoy C. Paslay, Manhattan; Russell L. Hartman, Herington; George R. Vanderpool, Meade; Loren R. Kirkwood, Wichita; J. Harold Karr, Troy.

Division of general science—Marjorie R. Kimball, Manhattan; W. Howard Jobling, Caldwell; Muriel Howard, Oberlin; Frances D. Sheldon, Blue Rapids; Robert H. McCollum, Eldorado; Roy C. Greep, Longford; Gladys M. Schaefer, Del Norte, Colo.; John C. Watson, Frankfort; Mary J. Jobling, Caldwell; H. H. Bruner, Concordia.

Division of home economics—L. Lorraine Lortscher, Fairview; Ruth B. McCammon, Norton; Myrtle E. Horne, Alma; Virginia M. Hogleund, Miller; Junieta L. Harbes, Riley; Flora H. Ross, Amarillo, Tex.

Division of veterinary medicine—Wesley W. Bertz, Manhattan.

Graduate students—John W. Lumb, Manhattan; Carol O. Youngstrom, Colver, Ore.; Marion I. Campbell, Manhattan; Leo E. Hudiburg, Independence; Mary Frances White, Manhattan; Robert E. McCormick, Oatville; Emery J. Coulson, Manhattan.

Faculty members—Prof. Jesse L. Breneman, Dr. Wilson F. Brown, Associate Prof. Arthur C. Fay, Dr. Charles H. Kitselman, Prof. Willard H. Martin, Prof. Bessie B. West.

57 ENTERED KLOD AND KERNEL KLUB JUDGING

William J. Braun, William Myers, and Lester Chilson Were High Individuals in Respective Divisions

First places in the twelfth annual student grain judging contest, held under the direction of the Klod and Kernel Klub at the college Saturday, went to William J. Braun, Council Grove; William Myers, Bancroft; and Lester Chilson, Oberlin. The three were high individuals in the senior, junior, and freshman divisions, respectively.

Braun scored 790 of a possible 960 points; Myers' tally was 737, and Chilson's 565. The judging, grading, and identifying of various grain samples is considered one of the most difficult and arduous of all student competitive contests. Prizes for Braun and Myers were silver trophies and \$4 each. Chilson's prize was \$8.

Other winners, all of whom received liberal prizes in cash, subscriptions to magazines, and miscellaneous awards from a score of co-operating commercial concerns, were as follows:

Senior—Ebur Schultz, Miller; L. M. Sloan, Leavenworth; Alva Schlehuber, Durum; George Aberle, Carbondale; F. J. Raleigh, Clyde.

Junior—H. M. Hardtarfer, Lawrence; Luther Jacobson, Horton; F. R. Freeman, Kirwin; T. R. McCandless, St. John; S. Dale, Protection.

Freshman—Gross Page, Norton; Raymond Coherst, Marysville; Glen Fox, Rozel; R. A. Johnson, Yates Center.

Fifty-seven students competed. The contest was managed by J. J. Curtis, Toronto, and L. M. Sloan, Leavenworth.

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F. E. CHARLES, GENEVIEVE J. BOUGHNER...
R. I. THACKREY... Assoc. Editors
KENNEY L. FORD... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, APRIL 30, 1930

MENACE OF TALKIES

British educators and journalists are greatly concerned over what they regard as a menace contained in American sound pictures. There is grave danger, they fear, of their own pure British being contaminated with Americanisms and Yankee twangs.

It is true that many of our film stars, left to themselves, would do strange things to the English language, but as a rule, they are carefully coached into a semblance of passable pronunciation, and barring occasional accents which are racial and cannot be eradicated, talkie diction compares favorably with that of the average of the English speaking world.

The British have long imagined they are the sole custodians of the original well of English, pure and undefiled, but the truth is, as all the rest of the world knows, English is nowhere else spoken so badly as it is in the tight little isle. The Yorkshire and Lancashire burrs are almost unintelligible to the people of the south of England, and the cockneys have a jargon peculiarly their own. Almost every country in England has its individual idiosyncrasies in pronunciation and accent.

The most beautiful English in the world, probably, is that spoken by the educated people of Dublin, Ireland, as the nearest approach to classical French is that of the literate classes of Quebec, Canada. Dublin English resembles that of educated southerners, somewhat, with the vowels pronounced a little fuller, and the final r's being retained in the language. In London there is no uniformity of speech, the English themselves admit. The affected drawl of Oxford is heard beside the guttural speech of northern counties, and the queer feats of the cockneys with the letter h.

There is no doubt that the language of our talkies differs greatly from that heard over most of England, but an unprejudiced jury might consider it vastly better.

In this connection, it may not be out of place to remark that, generally speaking, announcers for our radio chains are entitled to much credit for their care in pronunciation. Sometimes they make inexcusable slips, but most of the time they are right.

Look in the dictionary the next time you think you have detected one in error.

THE SORCERER

"The Sorcerer," a Gilbert and Sullivan comic opera in two acts, was presented at the college auditorium Friday and Saturday, April 25 and 26, by the college glee clubs, assisted by members of the department of music. Like all other comic operas presented during the past few years by William Lindquist, head of the music department, "The Sorcerer" was handsomely staged. Evidence of artistic conception and meticulous attention to detail, particularly in the costuming, singing, and acting of the chorus, there was in plenty.

"The Sorcerer" is not, and rightly not, one of the better known operas from the brains and hands of Gilbert and Sullivan. It revolves,

almost, about the administering of a copious supply of love philtre to the entire personnel of a betrothal celebration. Alexis Marmaduke Poindextre, happy husband-to-be, is so carried away by the thrilling mystery of love that he wants to make it unanimous throughout his father's realm.

He employs the famous John Wellington Wells (of J. Wells & Co., family sorcerers) to brew the philtre and spike the betrothal tea. All of which J. Wellington does. So what have you when the second act opens but everybody in love with somebody? Which wouldn't have been so bad if the somebody had been the right body, though it invariably wasn't. But it all comes out fine when the sorcerer himself is overwhelmingly elected to fall in a well and reduce to zero the effects of his noxious brew.

Consequently, about the only chance the genius of Gilbert and Sullivan had after they had muffed a plot so badly was to concentrate upon the entrance song of John Wellington Wells and the magic brewing of the philtre. And their genius did just that thing.

Mr. Lindquist's staging of the opera showed that he had keenly sensed both the weaknesses and the strength of "The Sorcerer." The brewing of the love potion scene was vividly and magnificently staged, and Mr. Lindquist, carrying the role of the sorcerer, put it over with a professional finish that left nothing to be desired. Outside of this one scene, there was little for the producer to accomplish except with the chorus numbers, which were, with the exception of dancing that was a bit listless and repetitious, quite charming, sprightly, and colorful.

The other major roles, taken for the most part by teachers of voice in the department of music, gave only a meagre chance for the display of talent either in singing or acting. Messrs. Gilbert and Sullivan tried to make altogether too much of a single incident when they wrote "The Sorcerer," and it is difficult to appraise the adequacy of the acting of inadequate roles. The paucity of dramatic situations also causes the tempo of a presentation to seem at times quite slow, but a producer and his cast cannot create and hurry situations after a librettist has omitted them. —H. W. D.

FAMOUS MANHATTAN

Let the New Yorker who chooses to distinguish himself as a "Manhattanite" take note that he might do better to stick to plain "New Yorker" and run the risk of identification with Brooklyn, Queens or the Bronx. If he calls himself "New Yorker," the world will place him at least somewhere within the metropolitan area. For other spots in the United States that have called themselves New York—notably one within the present city limits of Seattle, settled in 1851—have long since dropped the name; whereas "Manhattanite" in various localities might be taken for a native of the far or middle west or the south as well as of the north Atlantic seaboard.

The most famous Manhattan outside New York, perhaps, is that of eastern Kansas. Some three-quarters of a century ago it was founded by a group of pioneering New Englanders at the junction of the Blue and the Kaw rivers. Three years after they had settled there they set up Bluemont Central college, which since has developed into one of the foremost agricultural schools of the country. Kansas State Agricultural college now distinguishes this Manhattan as the meeting place of advanced farm practice and higher learning. —From the New York Times Magazine.

PAST AND PRESENT

Man has not always been the plain, unvarnished sex. Sir Frederick Kenyon, director of the British museum and its chief librarian, has been assuring an audience of school girls that the first "permanent wave" has been discovered in the course of excavations in Mesopotamia, and takes the shape of "a golden wig, probably worn by a man about 3,300 B. C." That must date from a time when gentlemen not only preferred blondes, but were also determined to imitate them.

But if the habits of the male have changed as regards headgear it is interesting to know that the brains

beneath the hat still function in the good old fashioned way. Sir Frederick Kenyon also told his audience that "the earliest literary work is in Egyptian, and deals with the decadence of the human race." It is probably an earnest treatise on the theme, "We shall never do any good until we get rid of these wretched Israelites," and would have a high place among the best sellers of its period, though its popularity would be afterwards eclipsed by a later work proving conclusively that the country began to go to the dogs from the instant the Israelites reached the other side of the Red sea. —From the Manchester Guardian Weekly.

torium. Prof. E. P. Johnston, of the department of public speaking, directed the play.

THIRTY YEARS AGO

The college baseball team defeated the Salina Wesleyans 19 to 2 in the Manhattan athletic park.

W. R. Waring, Abilene, f. s. in dairying, accepted a position in the central factory at Topeka of the Continental Creamery company.

H. Van Leeuwen, dairy instructor here, accepted the position of superintendent of the Topeka system of the Continental Creamery company.

Fred A. Parks, former dairy stu-

Another View of Main Street

Walter B. Pitkin in the Household Magazine

America's future lies in the small town. There, too, will be happiness. More happiness than has ever been the lot of mankind.

For the past 10 years I have been saying this to young men and women who ask my advice about their careers and places of high opportunity. And I shall go on saying it as long as I can utter a sound. What's more, I am ready to argue the point down to its last detail.

Here's my contention, in precise language. During the next generation every condition of human life that makes for happiness will steadily improve, above all in small towns. As fast as the more intelligent and more enterprising Americans learn this, they will move from the great cities to such smaller communities; so that, after a few decades, we shall probably witness a great change in leadership. The men and women who, by their native intelligence and their culture and their material prosperity, dominate and guide their fellows will mostly be living in little places.

On the other hand, the poverty and ignorance and half hidden vice which have blighted so many villages during the past century will have disappeared. Happy lives will be the rule, not the rare exception. Less than 10 years ago Henry Ford announced that he would try to spread his colossal enterprise over hundreds of villages, so that farmers and seasonal farm workers there could fill in part time, especially during the cold months, making automobile parts and supplies. Many people smiled at this quaint idea; but, before the grins left their faces, along came super power with its long distance high tension electric lines from waterfall and mine to 10,000 crossroads and corner groceries. A year or two of waiting, while business men took time to grasp the meaning of all this. And then what an exodus!

Manufacturers who had left their home towns 40 years ago to make their fortunes in the big places now came trailing back with architects and engineers to build new factories in the little places. The tide has turned. No man in his senses thinks of starting a factory in a metropolis nowadays unless he is making something which cannot be made elsewhere. Experts declare that, during the next 50 years, all the villages and small towns of the United States will become the industrial centers. But in a new and better way.

They will not be darkened by the smudge from the old fashioned factory chimney. All their factories will be new, perfectly lighted, and operated electrically. Most of them will be surrounded by spacious lawns and flower beds. The workers will mostly live in their own homes, work their own little gardens or farms in summer, and go to work in their own automobiles.

Will not all that make for a larger happiness?

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

J. V. Quigley, '16, was field man for the Morrison Dairy company of Kansas City, Mo.

H. E. Butcher, '14, was employed by the Empire Gas and Fuel company at Bartlesville, Okla.

A daughter, Jean Elizabeth, was born to Dennis Cooper and Anna (Thomas) Cooper, '15, at Portland, Ore.

H. B. Dudley, '20, was elected vice-president of the Kansas State Bankers' association representing the second congressional district.

TWENTY YEARS AGO

The college baseball team defeated Nebraska university by scores of 7 to 2 and 11 to 3.

Sabra Kennedy, secretary to the president, returned to her work after several weeks serious illness and a stay at Excelsior Springs.

Prof. J. C. Kendall, of the department of dairying, had an illustrated article on "Some Requisites for a Sanitary Barn" in the Kansas Farmer.

The college dramatic club presented its third annual play, "Half-back Sandy," in the college audi-

ent, wrote that he had secured a position as butter maker in the Centerville creamery, owned by the Bush City Cooperative association.

FORTY YEARS AGO

H. O. Barnes, f. s. in 1887, was attending a business college at Springfield, Ill.

E. S. Platt, f. s. in 1885, was studying stenography at Pond's Business college in Topeka.

E. M. Fairchild, who was to graduate from Oberlin college in June, was chosen class orator.

R. B. W. Peck, f. s. in 1887, was about to enter the Edison Machine shops, Schenectady, N. Y.

E. M. Platt, f. s. in 1881, was employed in the real estate office of Strickler, Daniels, and Pound, Topeka.

FIFTY YEARS AGO

The horticultural department sowed 60 varieties of clover and grass.

Those debating in the Webster society were H. H. Hopkins, R. A. Hollenberg, C. Lowe, and L. W. Call.

A new arrangement of the general course of study, presented by the faculty, was approved and adopted for the following year.

THE WIND'S WAY

Grace Hazard Conkling

A white way is the wind's way,
The silver side o' the leaf;
Follow the wind, heart of mine,
Heart of grief!

Wind of the dawn, wind of the dusk,
Winged wind of the day,
Who would follow the wind must go
The wind's way.

SUNFLOWERS

H. W. D.

RESOLUTION NO. 416

I have decided to forego, for at least ten years, all opinions in regard to the merits of the present age.

It is with much regret that I have done so. No other mental sport yields so much satisfaction as having sweeping opinions in regard to contemporary life. Nothing else makes one feel so superior. Whether or no the opinion is derogatory, it takes one out on a high place all by himself and allows him for the spell to look down upon all other human beings.

But things are in such an uproar. If I read the magazines and journals of opinion, I am almost immediately forced to the conclusion that whatever is, is wrong—in the judgment of at least three-fourths of all the people and ninety-nine per centum of the really intelligent ones.

Democracy is a flop, and we are not yet through with making the world safe for it. Education, particularly college education, is a joke. Religion, they say, is a myth and a delusion. The home is no more, and marriage-for-keeps an awful error. Peace conferences serve merely to help fill up the front page and prohibition is all wet.

I doubt if there ever was another age in which a fellow could have so much fun proving how silly everything is and how anserous are the mental antics of anybody who undertakes to stand up for anything. If Doubting Thomas were alive he could carry a nation-wide pre-election poll ten to one as the country's unmistakable choice for president. Hardly anybody does or thinks anything without wondering just how much of a goose he is for doing it.

Because of all this and these I have resolved to have no more opinions until 1940. By that time 1930 will look either like a piker or a period of delirium and maybe we shall have enough perspective on the post-war decade to guess intelligently in regard to what it was all about.

In the meantime I shall remain moderately comfortable in the conviction or delusion, whichever you choose, that no matter what we think about contemporary standards and conventions we go on living under their sway. It is seldom that they irk us enough to cause us to look around for bare bodkins with which to end it all. It is seldom they pester us enough to cause us to pack up and get out to where their pressure is not so noticeable.

For instances. I do not notice a marked rush to monarchical forms of government in any continent. People still insist upon sending their children to college. Everybody, either within or without religious organizations, is hunting seriously and persistently for a satisfactory religion. Tens of thousands rush into marriage every spring and an equal number of homes are at least attempted. Peace conferences are called, and now and then a bootlegger is sent to jail with a considerable amount of public approval.

The trouble is that we don't realize how much fun we have and always have had and always shall have protesting against things we wouldn't be without for the world. Most of our standards are self-imposed anyhow. The constabulary seldom butts in.

If it were not for my resolution to forego opinions I should say that in my opinion we love nothing else so well as growing about restrictions we place upon ourselves in order to have something to growl about.

Happy is the man who hath never known what it is to taste of fame—to have it is a purgatory, to want it is a hell. —Lytton.

AMONG THE ALUMNI

The address of Lois Witham, '16, is c/o Hwa Nan college, Foochow, Fukien, China.

Neva Betz, '25, holds a position in the Babies' Hospital of Philadelphia, Philadelphia, Pa.

Ida Fra Clark, '14, is on the faculty of the extension service in home economics at the University of Missouri, Columbia, Mo.

Albert Miller, '29, has accepted a position as vocational agriculture instructor in the Cottonwood Falls high school for next year.

Clint E. Critchfield, '29, is in the employ of the Carter-Waters corporation, Kansas City, Mo., as their engineer and estimator.

John A. Howarth, '21, is junior veterinarian in the department of veterinary science, University of California, university farm, Davis, Calif.

Ethel N. Vanderwilt, '13, of Solomon, was a Manhattan visitor recently. Miss Vanderwilt was the first woman graduate in agriculture at K. S. A. C.

Perry Betz, '23, is the new editor and owner of the Glen Elder Sentinel, formerly published by Ray Breitweiser. For the past year Betz has been teaching in the high school at Lebanon.

C. R. Witham, '18, who is with the Peerless Flour Mill company at Norcatur, was a college visitor recently. He was formerly with the Consumers' Power company at Jackson, Mich.

W. W. Trego, '24, has accepted a position as manager of the Wichita branch of the Natkin Engineering company of Kansas City, Mo. Trego's business address is 808 Brown building, Wichita.

Lila Williams, '29, is dietitian at the Bennett academy, Mathiston, Miss. The academy is a school for white girls and boys sponsored by the Women's Home Missionary society of the Methodist church.

F. C. Harris, '08, of the American Mono Rail company at Cleveland, Ohio, represented K. S. A. C. at the inauguration on April 11 of William Elgin Wickenden as president of the Case School of Applied Science at Cleveland.

Theodore R. Freeman, '29, who has been in the creamery business at Linn for the past 11 months, has accepted a position to teach in the high school at West Plains next fall. Freeman plans to attend summer school at K. S. A. C.

F. D. Ruppert, M. S. '25, who is employed by Case, Pomeroy and company, New York brokers, was a Manhattan visitor recently. Ruppert is spending about two weeks in the Kansas wheat belt, reporting on soil moisture and crop conditions.

John M. Ryan, '07, Topeka, first vice-president of the Kansas state farm bureau, has been appointed to the newly created position of organization director of the bureau. Eventually Ryan will move to Manhattan to make his headquarters.

Leslie R. King, a junior in civil engineering at K. S. A. C. and assistant to the resident and county engineers of Riley county for the past two years, has been appointed resident engineer for Pottawatomie county, effective April 14. He is to be stationed at Garrison Crossing and will have charge of the improvement project on the Blue belt road.

N. L. Rucker, '13, formerly county agricultural agent of Sherman county, was transferred April 1 to the same kind of position in Ellsworth county, with headquarters in Ellsworth. Ellsworth county has just recently organized a farm bureau. D. M. Howard, '20, who since graduation has been a vocational agriculture instructor in Illinois and Georgia except for the last two years when he farmed near Coldwater, is filling the vacancy left in Sherman county by Rucker.

MARRIAGES

SPENCER—OWEN

Mr. and Mrs. P. G. Spencer, of Caldwell, announce the marriage of their daughter, Olive, to Lysle Owen, '28, of Wichita. The wedding was in Caldwell March 15. Mr. and Mrs. Owen will make their home in Wichita where Mr. Owen is with the Derby Oil company.

NICHOLS—NAY

The marriage of Lenore Nichols, f. s., of Manhattan, to Wilbur S. Nay, a special student at K. S. A. C., occurred April 18 in Manhattan. They will be at home in Manhattan until the close of the school year.

BIRTHS

George L. Sisler and Anna (Neer) Sisler, '17, of Ohio, Ill., announce the birth of their son William Monroe December 5, 1929.

Wilbur W. Humphrey, '24, and Bertha (Lapham) Humphrey, '27, of Beverly, are the parents of a daughter, Joyce Harriet, born April 17.

Floyd C. Healea, '24, and Ruth (Limbocker) Healea, f. s., of Lyndon, announce the birth of a daughter, Helen Ann, April 11. Healea is county engineer of Osage county.

Ray I. Throckmorton, M. S. '22, and Marcia (Story) Throckmorton, '12, of Manhattan, announce the birth of a daughter, Marcia Marie, April 17. Professor Throckmorton is head of the agronomy department at K. S. A. C.

DEATHS

KELLOGG

Gifford Kellogg, 19-year-old son of Royal S. Kellogg, '96, Yonkers, N. Y., ended his life April 6 by leaping into the Hudson river from the Bear mountain bridge. It is reported that the body has not yet been recovered. Members of his family and close friends are at a loss to account for the youth's suicide, but it is felt that it might have been caused by brooding over the death of his mother, the late Mrs. Clara Kellogg, who took her life in May, 1926.

Some time after the death of Mrs. Clara Kellogg, Mr. Kellogg remarried. Mr. Kellogg is secretary of the Newsprint Service Bureau of New York and chairman of the National Forestry Program committee.

PHILADELPHIA AGGIES HAVE DINNER MEETING

Address by Prof. J. P. Calderwood and Viewing of Campus Scenes are Features

By NEVA BETZ, '25

The Kansas Aggies of Philadelphia held a dinner meeting April 3 at the Pennsylvania hotel in honor of Prof. J. P. Calderwood of the engineering division at K. S. A. C.

We had a most interesting evening. Professor Calderwood described the present activities of the college and also told us of the growth and changes in the past five years. Through the kindness of L. F. Hall, instructor in vocational education at K. S. A. C., we received the K. S. A. C. campus scenes, which are much appreciated.

A short business meeting was held for the purpose of electing officers. Following are the officers for the coming year: President, E. F. Miller, '25; vice-president, John Rathbun, '16; and secretary-treasurer, Neva Betz, '25.

The following were present at the dinner: Prof. J. P. Calderwood; Dr. Nellie Payne, '20; Thirza Mossman, assistant professor of mathematics at K. S. A. C.; L. E. Gaston, f. s., and Maude (Harris) Gaston, '08; A. H. Ganshird, '15, and Agnes (Ramsay) Ganshird; R. W. Sherman, '24, and Mary (Scholl) Sherman; John Rathbun, '16, and Charlotte (Hall) Rathbun, '17; E. F. Miller, '25, and Marjorie (Melchert) Miller, '23; Betty Willis; Neva Betz, '25; Velma Oliphant, '29; E. F. Stalcup, '22; Paul Fetzer, '20; L. S. Hobson, '27; P. J. Edwards, '29; J. D. McGregor; N. J. Simpson, '24; Gene Wiebrecht, '29; H. F. Yoder, '28, and John Yost, '27.

Ehrlich Ties for Third

Milton Ehrlich, Aggie sophomore high jumper, tied for third place in the high jump at the Kansas university relays recently, with a leap 6 feet 2 7-8 inches. Ted Shaw of Wisconsin, the winner, jumped 6 feet 3 1-16 inches and Parker Shelby, Oklahoma, who was second, did 6 feet 4 3-4. Other Aggie entrants in the relays did not place.

SOONER TRACK SQUAD WINS DUAL, 88 TO 43

ELWELL AND LIVINGSTON TAKE ONLY AGGIE FIRST PLACES

Three Oklahoma University School Records Broken in Fast Meet—Aggies Sweep Javelin and Visitors the High Hurdles

The first dual track meet of the year was lost to Oklahoma university on Saturday, April 12, the score being 88 to 43. Three Oklahoma school records were broken.

Oklahoma took 13 of 15 firsts, due to the unusual performance of some sophomore stars who turned in the best performances of their careers to date to defeat Aggie veterans.

Each team swept one event, the Aggies taking all three places in the javelin and Oklahoma doing likewise for the high hurdles. H. A. Elwell, Hutchinson, won the 220 yard dash, and E. C. Livingston, Hutchinson, the javelin.

The summary:

Hundred-yard dash—Won by Addison, Oklahoma; second, Elwell, Aggies; third, Baker, Oklahoma. Time 10.2 seconds.

220-yard dash—Won by Elwell, Aggies; second, Baker, Oklahoma; third, Hinckley, Aggies. Time 22.6 seconds.

120-yard high hurdles—Won by Carman, Oklahoma; second, Lindstrom, Oklahoma; third, Strassberger, Oklahoma. Time 15.6 seconds.

220-yard low hurdles—Won by Carman, Oklahoma; second, Hinckley, Aggies; third, Strassberger, Oklahoma. Time 25.7 seconds.

Two mile run—Won by Dawson, Oklahoma; second, Toadvine, Aggies; third, Lenderking, Oklahoma. Time 9 minutes 41.9 seconds. (New Oklahoma record, old record 9:42.6.)

Discus throw—Won by Churchill, Oklahoma, distance 124 feet 9 inches; second, Cronkite, Aggies, distance 122 feet 2 3-4 inches; third, Rider, Oklahoma, distance 118 feet 8 inches.

440-yard dash—Won by Abbott, Oklahoma; second, Kopf, Aggies; third, Hewitt, Oklahoma. Time 50.1 seconds.

Half mile run—Won by Moore, Oklahoma; second, Miller, Aggies; third, Davidson, Oklahoma. Time 1 minute 59.2 seconds.

Shot put—Won by Rider, Oklahoma, distance 47 feet 5 3-4 inches; second, Churchill, Oklahoma, 41 feet 10 inches; third, Cronkite, Aggies, 41 feet 7 1-2 inches.

Javelin throw—Won by Livingston, Aggies, distance 179 feet 2 1-2 inches; second, Williams, Aggies, 177 feet 4 3-4 inches; third, Smith, Aggies, 165 feet 2 inches.

Broad jump—Won by Mell, Oklahoma, distance 22 feet 10 1-8 inches; second, Morris, Oklahoma, 22 feet 3 7-8 inches; third, Bliss, Aggies, 21 feet 9 inches.

High jump—Won by Shelby, Oklahoma, 6 feet 4 7-8 inches; second, Ehrlich, Aggies, 6 feet 3 inches; third, Walker, Aggies, 5 feet 11 inches. (New Oklahoma record, former record 6 feet 4 inches.)

Pole vault—Tie for first between Choate and Redwine, Oklahoma, height 12 feet; ties for third between Jordan and Carter, Aggies; height 11 feet 6 inches.

Relay—Won by Oklahoma (Prather, Hewitt, Abbott, Mell). Time 3 minutes 31.4 seconds.

WASHINGTON ALUMNI HONOR DEAN WILLARD

Fellow Students, Faculty Colleagues, and Graduates of Recent Years Take Part in Program

By MORSE SALISBURY, '24

A rapid-fire review of the development of K. S. A. C. during the half-century connection of Dean Julius T. Willard with the college as student and faculty member, and an analysis of his contribution to that development were presented by representatives of Dean Willard's fellow students, faculty colleagues, and his student charges of recent years at the annual meeting of the Washington, D. C., K. S. A. C. Alumni association on Thursday evening, April 10, at the Harrington hotel in Washington.

The occasion of the tribute paid Dean Willard was his retirement from the duties of dean of general science to devote himself exclusively to the vice-presidency of the college. Representing Dean Willard's fellow students was Dr. C. L. Marlatt, '84; speaking for his faculty colleagues, past and present, Hon. William M. Jardine, former president, Dean H. J. Umberger, '05, and Prof. A. S. Hitchcock, faculty member in the nineties; and for general science students of recent years, Milton S. Eisenhower, '24.

The association directed its secretary to convey to Dean Willard from the 10 "student generations" represented at the meeting "regrets that future students will miss your guidance as dean of general science, and gratitude for your contributions to the making of K. S. A. C."

Officers elected for the ensuing year were M. S. Eisenhower, '24, president; Maude (Failyer) Kinzer, '03, first vice-president; Charles F.

Swingle, '20, second vice-president; Marie Correll, '24, secretary; and Ward W. Fetrow, '20, treasurer.

Those present were:

W. M. Jardine, former president; C. L. Marlatt, '84, and Mrs. Marlatt; H. W. Marston, '21, and Mrs. Marston; M. S. Eisenhower, '24, and Helen (Eakin) Eisenhower, f. s.; Morse Salisbury, '24, and Elizabeth (Smith) Salisbury, f. s.; Dean H. Umberger, '05; A. B. Nystrom, '07, and Mamie (Frey) Nystrom, '07; Milton Fairchild, f. s. '80-'83; W. W. Fetrow, '20, and Mrs. Fetrow; A. S. Hitchcock, former faculty member, and Mrs. Hitchcock; Fern (Preston) Huff, '17, and Mr. Huff; W. J. Lightfoot and Mrs. Lightfoot; C. R. Enlow, '20, and Mrs. Enlow; Harry Gunning, '17, and Mrs. Gunning; Paul A. Cooley, '29; W. B. Wood, '11; E. C. Butterfield, '98; Sumner O. Burhoe, '26; Josephine Hemphill, '24; Marie Correll, '24; M. W. Watt, '20; Corinne (Failyer) Kyle, '03; Erma Jean Huckstead, f. s.; Alan Dalley, '24.

'RAH 'RAH CONCEPTION OF STUDENT IS 'BUNK'

Even So-called 'Collegiate' Type Is Dependable and Sincere, W. E. Grimes Says

Dr. W. E. Grimes, '13, treasurer of the alumni association and chairman of the alumni loan fund committee, enjoys the friendship of many students and alumni with whom he has come in contact in handling approximately \$40,000 in loans to students at K. S. A. C. since July 1, 1927. The alumni loan fund serves an ever increasing number of students in need of financial aid. In fact the fund is almost indispensable to K. S. A. C.

Doctor Grimes has this to say regarding the alumni loan fund:

The alumni loan fund is aiding an increasing number of students each year. Since January 1, 1930, or in slightly less than four montas, we have loaned more than \$9,000 to students. This is more than was loaned the entire first year I served as treasurer of the loan fund.

The contacts made with students through these loans give one a much more accurate understanding of the fine character of our student body than is apparent to the casual observer who does not get beneath the surface. The attitudes of students who are borrowing from this fund appear to be no different from the rank and file of all of the students. But those who are borrowing are, as a rule, careful of their expenditures and are thinking of the problem of repayment at the time they borrow. There is none of the popular 'rah, 'rah, care-free and reckless spirit which is too frequently assumed as typical of the college student.

One student who is as typically collegiate in outward appearance as any of them regularly secures a loan of \$20 a month to supplement his own earnings. Another student who is supporting a wife and child regularly secures a loan of \$30 a month to supplement his own earnings. These students appear to be typically collegiate and if they are, and the writer is convinced that this is true, then the popular conception of the college student is froth and bunk, lacking any real foundation when one learns the real substance of our students.

The performance of these students in taking care of their obligations after they leave college is equally as inspiring and helps still further in strengthening one's faith in them. In repaying their loans they are prompt and careful. Time and again they express their sincere appreciation of the opportunity made available by the alumni who have preceded them, which has permitted them to secure an education and to take advantage of an opportunity that was presented on a business-like basis that in no way made them feel they were objects of charity or in any other way would reduce their self respect. The alumni loan fund justifies its existence every day in the year, and returns in human values far exceed any sacrifices incurred by the alumni in making this fund available.

One of the biggest factors in economic production from the dairy herd is the growing of the right kind of feed on the farm.

RECENT HAPPENINGS ON THE HILL

May 20 is written in bold type on the collegiate calendar as the first day of finals.

Because of the heavy rain last week end, hikes planned by the literary societies last Saturday were transformed into indoor parties.

The 15 college tennis courts are very popular with tennis fans as they take advantage of the spring weather to get into practice for the season.

"Haiti Marches On" was the subject of an illustrated lecture given by Dr. Roger C. Smith, professor of entomology, at general assembly last week.

Various shades of green which are appearing on the campus make an interesting background for the flower beds, and for the gay spring frocks of the coeds.

Part of the 1930 Royal Purple went to press last week and according to the editor, Milton Allison, Great Bend, it will be ready for distribution May 25.

"Ole Man Riley," or one of the other well known fraternity songs, may be the one to take first prize at the inter-fraternity sing which will be held May 8 at the college auditorium.

The pessimists are looking forward to wet weather this week end as it is the time scheduled for the annual Ag fair. The student managers have insured the fair against rain, however.

Block and Bridge club elected officers at the regular business meeting of the club April 15. W. G. Nicholson, Neal, was elected president; B. R. Taylor, Alma, vice-president; L. A. Eastwood, Summerfield, treasurer; G. M. Fletcher, Pawnee City, Neb., secretary, and A. S. Lambertson, Fairview, publicity manager.

ART

The Sandzen exhibition of wood cuts, lithographs, and dry-points, which closed a two week showing last Saturday, is of the high quality we have come to expect from the greatest Kansas artist. While this exhibition has been smaller than some of the others we have had, it showed off to better advantage in the gallery of the department of architecture, and a great many people came to see and enjoy the work. Quite a number of sales were made to architectural students who are laying the foundations for collections of their own.

Some of Sandzen's newer prints deserve special mention. The dry-point, "Mountain Barns," and the lithograph, "The Guardian Poplar," are two of his newer prints which were made of Utah subjects. The dry-point especially has a very fine feeling of light and atmosphere. The lithograph is of the highest quality. The little shack nestles among the hills and the composition has a fine swing to it.

"Houses by the Canal" is a woodcut of another Utah subject. The composition in this is rather unusual and steps down in a most interesting way. The handling of the old stone buildings is excellent and the print is full of color and light. Sandzen is a real master at carving the hard wood blocks. "Blue Valley Farm" is another fine example of this treatment of old stone buildings. This particular farm house is just north of Manhattan on the Blue river.

"Windwhipped Pines" is a marvelous lithograph. There is an oil painting in the library gallery of a similar composition, so we felt well acquainted with it. The fine use of blacks and the wet quality of the water make this an outstanding print.

Other prints of especial note are the two dry-points, "Rock Bank" and "Rocks and Clouds." The woodcut, "Sunshine," is a fine bit of work.

Sandzen has so many ardent friends and admirers in Manhattan that we hope we can make the Sandzen exhibition at least an annual event.

—John F. Helm, Jr.

AGGIES TRIM JAYHAWK IN FREE HITTING GAME

**WILDCATS WIN FIRST HOME BIG
SIX GAME 10 TO 1**

**Eight Walks Issued By University
Pitchers Combined With 11 Hits to
Ice Contest—Second Game Post-
poned Because of Rain**

Hitting the ball with a gusto that had previously been lacking this season, the Kansas Aggie baseball team defeated Kansas university 10 to 1 in the first home Big Six game here last Friday. The second game, scheduled for Saturday afternoon, was abandoned because of rain but will be played off at Lawrence as the second game of a double header. The Aggies got 11 hits off two Jayhawk pitchers, who also aided the cause by donating eight free trips to first base. Evans and Meissinger hit home runs.

Though the strength of the Jayhawk team is said to lie in its hitting, Henry Barre let the visitors down with four safeties. Two of these were by Catcher Claunch, who got a triple and double by way of atoning for a lamentable weakness in the matter of pegging to second base, which allowed the Aggies to steal safely nine times.

Russell (Rub) Thomson was the starting pitcher for the Jayhawk nine but lasted only two innings. In the first inning, with two out and Prentup, Nash, and Nigro languishing on the bases, McCollum hit a double, scoring the trio. Bill Meissinger, first up in the second inning, hit the second pitched ball for a home run. In the same inning Evans singled, stole second, and scored on Nash's single. That finished Thomson for the day and Ransom finished the game.

Wallace Forsberg, Aggie leadoff man, got three walks and a single out of five trips to the plate, and Captain L. M. Nash hit three times out of five times up. Nigro and Evans each got two out of three.

Two double plays were executed by the Aggie infield, the second ending the game.

The score by innings:

	R	H	E
Kansas U.	0	10	0
Kansas Aggies ...	3	11	1

The box score:

KANSAS AGGIES									
	AB	R	H	P	O	A	E		
Forsberg, 1b	2	2	1	11	0	0	0		
Evans, 2b	3	2	2	3	3	0	0		
Prentup, ss	3	1	0	2	4	1	1		
Nash, 3b	3	2	3	1	3	2	0		
Nigro, cf	3	2	2	2	0	0	0		
McCollum, lf	3	0	1	1	0	0	0		
Fisher, rf	4	0	0	2	0	0	0		
Bell, rf	0	0	0	0	0	0	0		
Meissinger, c	4	1	2	5	0	0	0		
Barre, p	4	0	0	0	3	0	0		
Totals	31	10	11	27	13	2			
KANSAS UNIVERSITY									
Hulteen, 2b	4	0	0	2	1	1			
Itoga, lf	3	0	0	1	0	0			
Bishop, ss	3	1	0	1	2	1			
Fisher, 1b	4	0	0	8	0	0			
Schmidt, cf	4	0	0	2	1	0			
McCoy, rf	4	0	0	2	0	0			
Tombold, 3b	4	1	1	4	0	0			
Claunch, c	3	0	2	4	3	0			
Thomson, p	1	0	0	0	1	0			
Ransom, p	2	0	0	0	2	1			
Totals	32	1	4	24	10	3			

Two-base hits—McCullum, Bishop, Claunch; three-base hits—Claunch; home runs—Meissinger, Evans. Double plays—Aggies, Prentup to Evans to Forsberg; Nash to Evans to Forsberg. Bases on balls—off Barre, two; off Thomson, three in two; off Ransom, five in six. Struck out—by Barre, 4; by Ransom, 3. Stolen bases—Nash 3, Nigro 2, Forsberg 2, Evans, Meissinger, Bishop, Fisher. Losing pitcher—Thomson. Umpire—Larry Quigley, St. Benedict's.

SCHOOLS OF HINDUSTAN HAVE TEN-MONTH TERM

**Temperature of 98 in Shade Causes
Mildred Bobb to Send
'Warm' Greetings**

Mildred Bobb, '27, who is teacher and missionary in the Girls' Vocational school at Aligarh, India, writes as follows:

"Again greetings from Hindustan, and they are warm greetings, too, for the thermometer registers 98 degrees in the shade today.

"I am sending a check for another payment on my life membership. The past year has been a busy, happy year, and I have enjoyed the work much.

"Our school closes May 15 for our two months vacation. We have 10-month school terms in India. I plan to spend the vacation with some other missionaries in Kashmir, a native state in the Himalayas on the Afghan border. We will live in a houseboat on the Jhelum river in Srinager, the latter being called the 'Venice of the East.' Perhaps later we will go farther up in the mountains and camp in tents. Needless to say I am all thrilled over the prospects of new lands of adventure."

Dairy Club Banquet

The K. S. A. C. Dairy club members held a banquet in honor of seniors majoring in dairy husbandry at the college cafeteria Tuesday evening. Dean L. E. Call of the division of agriculture was the speaker of the evening. Those students who were honored include R. W. Stumbo, Bayard; T. N. Meroney, Garden City; R. F. Pettit, Harold Platt, R. H. Dodge, L. J. Cunningham, and R. M. Mannen, all of Manhattan.

Assistant Chief



ERIC ENGLUND

Eric Englund, formerly professor of agricultural economics at K. S. A. C., has been made assistant chief of the bureau of agricultural economics, United States department of agriculture, effective April 16. He is in charge of the research activities of the bureau. Englund left Kansas in 1926, going to Harvard university, and later going to Washington, D. C., for special work under Dr. W. M. Jardine, then secretary of agriculture. Since September, 1928, he has been in charge of the division of agricultural finance in the bureau.

Parker Visits Western Kansas

Dr. John H. Parker returned Sunday from a trip to the Hays and Colby branch stations where he studied cooperative wheat variety tests. While in Hays he addressed the Kansas Academy of Science on wheat breeding. Doctor Parker reported wheat to be in excellent shape in the northwestern corner of the state. It does not look so thrifty in west central counties, he said.

Distance limits vision because lines drawn from an object to the eye must have a certain minimum angle to distinguish that object.

TWO ART EXHIBITIONS IN COLLEGE GALLERIES

**LIBRARY HAS SMALLEY COLLEC-
TION—ARCHITECTURE HELM'S**

**English Artists Predominate in One
Showing, Though Works of C. A.
Seward and Sandzen are Included
—20 New Helm Pictures**

Two important art exhibitions are now on display at the college. One is a collection from the galleries of Carl J. Smalley, McPherson, and is displayed on the third floor of the library building. The other is a "one-man" water color exhibition of the work of John F. Helm, Jr., assistant professor of free-hand drawing, and is in the department of architecture galleries on the third floor of the engineering building.

The Helm exhibition consisting of 31 paintings, about 20 of which are new, was put up last Saturday and will remain until May 10.

The Smalley exhibition has been up for more than a week, and will be taken down Saturday, May 3. Most of the work shown is by English artists, the group including 49 woodcuts, 19 etchings, two color etchings, two lithographs, and an aquatint. Also included are 15 Sandzen prints and six by C. A. Seward, of Wichita.

HIGH ACHIEVEMENT PLANE

The English woodcuts represent a high plane of achievement and a high degree of technical skill—something approaching the marvelous when one considers that the effects were obtained by carving hard wood blocks. The compositions show that the artists have approached their subjects with the contemporary viewpoint. These attempts to express the people and life of today have for the most part been very successful. While some of the prints are somewhat distorted so as better to express the artist's idea, all are marked by the beautiful drawing that we have come to expect from the English.

All the prints should be included in any view of the exhibition, but the following are rather outstanding:

"Christ Before Pilate," by Eric Gill, is rather typical of this outstanding leader of English art. The composition here is marked by a flowing rhythm from the Christ to Pilate in spite of the great simplicity of the handling. The Christ is full of the patience and godliness that we expect from him. Here is an old subject treated from the contemporary viewpoint, and we must admit it has gained thereby.

SHOW QUIET HUMOR

"Girls Bathing at Creason Cym," by H. E. Groom, is as rhythmic as any composition here. We also feel the great coolness of the spot and can almost hear the water tumbling into the pool.

Two prints full of quiet humor are

PROGRESS OF KANSAS PRESS

F. E. C.

If H. A. Dawson and his five sons and daughters had not already made a name for themselves with their twice-a-week Russell Record they would have done so with their dedicatory issue of April 17. The Record of that date was a 40 page five section issue built around the completion of the Record's new home. Page one reproduced the old home of the Record as well as the architect's vision of the new Record office. The new building is built in the Spanish design and is in keeping with functions of a western Kansas newspaper. The rest of the Dawsons, beside H. A. Dawson, are Harry, Irene, Vivian, Arthur, and Harold.

"Farmers and Farming" is the name of a country column edited by H. V. Cowan of the Fort Scott Tribune Monitor. His column is mostly short news items about country people around Fort Scott, but a lot of farm stuff is worked into the column in an interesting fashion.

Perry Betz is the new editor and owner of the Glen Elder Sentinel, formerly published by Ray Breitweiser. Betz was graduated from K. C. A. C. in 1923 and since has been engaged in high school athletic work at Girard, Burlingame, Simpson, and Lebanon.

Five editors of Nemaha county have organized a temporary editorial

association which will be made permanent as soon as a meeting with full attendance is held. Ray Ingalls of the Goff Advance is president of the organization and George Adriance of Seneca is secretary. Others at the first meeting were H. L. Wait of the Centralia Journal; W. W. Driggs, the Bern Gazette; and Bill Tennal of the Sabetha Herald.

The Baxter Springs Citizen recently began its fifty-eighth year. It is edited by K. W. Trimble.

Flint Hill Fancies by Peggy make an interesting column for the Chase County News. It is a bit of news comment and wise cracking.

Paul Gustafson recently published his first edition in the new plant of the Lindsborg News-Record. Much of the News-Record equipment was destroyed by a fire January 19. Since then the McPherson Record has been printed, the News-Record discontinuing with the April 10 issue. Among the new equipment items are a Miehle cylinder press, an intertype, and new type cabinets.

The news force of the Dodge City Globe will soon move into a larger office which joins the present office on the south. The paper and the personnel have grown so rapidly that it is necessary to enlarge the news room.

Masley's "Women and Fish" and "Avanti," by Muriel Jackson. The former is especially full of local color and shows the keen way the artist has in looking at life and in retaining the important and dominant points. In "Avanti" Miss Jackson has some fine drawing.

"The Maze" and "Turkish Bath," by Blain Hughes-Stanton, are well composed with very interesting arrangements of darks and lights. "The Bavarian Peasant," by Lambert, is an outstanding print. Wilford's "Haunted House" is very fine carving, and also has the "haunted" feeling to it. Parker's "Reed Buck" is a very decorative print.

Among the etchings the two-color prints by Edson Pattison are beautifully conceived and executed. The color is very fine and in nice contrast to some of the muddy tones seen on some other etchings.

The aquatint, "Above Kew," by F. R. Holbrook, is one of the most pleasing prints in this exhibition. The soft aquatint tones have been handled here with great skill and distinction. Holbrook has done a fine piece of work with this difficult medium.

The Sandzen and Seward groups are both very fine and show these Kansas artists to excellent advantage.

PRIDE OF SALINE CORN GOOD ONE FOR KANSAS

**Only in Western End of State Is It at
Noticeable Disadvantage—Rivals
Standard Varieties in East**

Pride of Saline, a medium sized white variety, proved its ability to outyield other varieties of corn in most sections of Kansas last year, the annual report of Prof. H. H. Laude and F. L. Timmons, supervisors of cooperative farm tests, shows. As a matter of fact, Timmons pointed out, Pride of Saline has made an outstanding record for several years in every section of the state except the western one-fourth.

Although several varieties frequently rival Pride of Saline on a yield basis in the northeastern part of the state, and although Midland Yellow is considered one of the best varieties in southeastern Kansas, even in these sections of the state, Pride of Saline holds its own. The south central and the north central sections of the state are areas to which Pride of Saline is particularly adapted, Timmons explained. In this section no other varieties rival it consistently. In the western one-fourth of the state, Hays Golden is granted an advantage over Pride of Saline. The annual report of the cooperative test supervisors gives information on 1929 yields as follows:

Pride of Saline outyielded all other varieties in northeastern Kansas last year with a yield of 46.8 bushels, and a selection of Reid (1748) averaged 41.9. Midland, Kansas Sunflower, and Commercial White matured late last year and averaged about seven bushels less than Pride of Saline. Northeastern Kansas, including the Kaw valley on the south and the Blue valley on the west, is ordinarily the best corn growing section of the state.

In north central Kansas, north of the Kaw and Smoky Hill valleys and west of the Blue as far as Smith county, Pride of Saline ranked first with 42.1 bushels per acre which was three bushels more than Freed and four bushels more than Hays Golden.

Midland Yellow averaged about one bushel more than Pride of Saline in southeastern Kansas, which includes that territory south of the Kaw and Smoky Hill as far west as Morris and Butler counties. Kansas Sunflower, Commercial White, and Golden Beauty averaged about five bushels less than Midland in this section.

In south central Kansas, which includes that territory west of the southeastern section and south of the Smoky Hill valley as far west as Barton, Pawnee, and Comanche counties, Pride of Saline made the highest yield, 38.9 bushels per acre. Freed averaged 34.5 and Midland 33.5 bushels per acre.

Hays Golden averaged 27.4 bushels per acre in four tests in the western part of the state. Freed averaged 26.3, Pride of Saline 26, and Colby 24.6 bushels per acre. The earlier varieties are superior in this section where early maturity and extreme hardiness are primary requisites.

KANSAS WOMAN AUTHOR MATRIX TABLE SPEAKER

**MARGARET HILL McCARTER WILL
ADDRESS NEWSPAPER WOMEN**

**Theta Sigma Phi Banquet Will Be Held
at Wareham Hotel on Eve of An-
nual Kansas Editorial Asso-
ciation Convention**

Margaret Hill McCarter, author, speaker, homemaker, will address the first annual Matrix Table banquet of Nu chapter of Theta Sigma Phi, national journalistic fraternity for women, to be held at the Wareham hotel May 8. The Matrix Table is a forerunner of the convention of the Kansas Editorial association, meeting in Manhattan May 9 and 10. Prominent newspaper women of Kansas, wives of newspaper men, and outstanding women of the state will be invited.

Mrs. McCarter, often characterized as the best woman speaker in Kansas, is also credited with literary ability that has brought fame to both herself and her adopted state. Her many activities have brought her into intimate contact with women, both old and young. From first hand information she knows the problems, the interests, the ambitions, of Kansas women. Her club work has given her an insight into organization movements and aims; her experience as a Kansas teacher has made of her a woman whose knowledge of fundamentals is unbounded; her constant study in connection with her writing has made of her a student of Kansas history and Kansas home life not to be rivalled by any other woman of the state.

KANSAN BY CHOICE

A native of Indiana, Mrs. McCarter has to such an extent identified herself with Kansas that she has said she almost believes she was born here. She was born near Charlottesville, Rush county, Indiana, of parents of Quaker stock. Her years in the country school were years of day dreaming, but her career in the Indiana State Normal school was a period of quick and definite achievement. Her first educational work was as principal of the high school at Rensselaer, Ind. Later she became head of the English department in the high school of Goshen. In the autumn of 1888 she came to Kansas to take charge of the department of English in Topeka high school, holding that position for six years. In 1890 she married Dr. William Arthur McCarter of Topeka.

Mrs. McCarter is that rare combination of wife, mother, homemaker, club worker, public speaker, author. Calmly, unhurriedly, she goes about her many duties, performing each function with an excellence at which her friends marvel.

Prof. C. E. Rogers, head of the department of industrial journalism, K. S. A. C., says of her:

"AN IDEAL SELECTION"

"Mrs. McCarter is an ideal selection for a Matrix Table speaker. Kansas' most distinguished woman writer, she is a devoted friend to young people who aspire to literary work. Her own achievements are an inspiration to women whose ambitions require a compromise between a career and a home. Theta Sigma Phi is to be congratulated upon making it possible for Manhattan women to meet her and hear her message."

Her idea of a good summer vacation is to be at home with a sleeping porch and an old Cadillac car and an electric fan. Another idea foremost in her mind is a thorough education for her three children, Katherine Davis, Jessie Isabel, and William Hill.

Mrs. McCarter's first literary achievement was "A Bunch of Things, Tied up with Strings," followed by the Cuddy stories, "The Cottonwood's Story," "In Old Quiver," and thence to her more pretentious literary monuments. "The Price of the Prairie" was her first long novel. Then came "The Peace of Solomon Valley," "A Wall of Men," "A Master's Degree," and the "Winning of the Wilderness." With these books she won the hearts of Kansans, surprised and delighted the reading public outside of Kansas.

Dick Auer a Booster

Richard (Dick) Auer, f. s. '99, Goodland, was a recent campus visitor. Dick is a new member in the alumni association, and has always been an active booster for K. S. A. C.

THE KANSAS INDUSTRIALIST

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Kansas State Agricultural College, Manhattan, Wednesday, May 7, 1930

Number 29

SCHOLASTIC LEADERS RECOGNIZED IN CHAPEL

HONOR PAID TO AWARD WINNERS OF PAST YEAR

Names of 493 Students and Faculty Members on Lists Read by Deans of Various Divisions at Special Assembly

At the seventh annual K. S. A. C. recognition chapel held in the college auditorium Friday morning, the names of 393 students and faculty members who have achieved scholarship or allied awards this year and the latter part of the spring semester last year, were presented by the deans of the various divisions. Ten girls achieving all-college honors were seated on the platform.

Dr. W. H. Andrews led the devotionals and Dr. J. T. Willard, vice-president, presided in the absence of President F. D. Farrell.

Those recognized are as follows:

Animal husbandry judging—Howard R. Bradley, Fredrick H. Schultis, Raymond W. O'Hara, Ray M. Hoss, J. Allen Terrell, Paul R. Chien, Harry A. Paulsen.
Meats judging—M. L. Cox, Thomas H. Gile, Walter P. Powers, Harold W. Ellis.
Dairy cattle judging—Richard W. Stumbo, Howard R. Bradley, John L. Wilson, Walter P. Powers.
Dairy products judging—Merle L. Magaw, Leland M. Sloan, William H. Lynn.
Crops judging—J. J. Curtis, John W. Decker, Joseph H. Greene, William J. Painter.
Apple judging—Mrs. Sam G. Kelly, Richard B. Mather, Merrill M. Taylor, Roy H. Trompeter.
Poultry judging—Mark M. Taylor, Robert E. Phillips, Jr., Eugene M. Leary, Edith Bockenstette.

GAMMA SIGMA DELTA

Gamma Sigma Delta (honorary agricultural society)—John Jay Curtis, Raymond Glen Frye, Oliver Glen Lear, Eugene M. Leary, Thomas N. Meroney, Raymond W. O'Hara, Francis J. Raleigh, Louis P. Reltz, Miner R. Salmon, Fredrick H. Schultis, Henry B. Walter, Wesley W. Bertz, Thomas J. Leasure, Henry D. Smiley, Henry J. Barre, Herbert N. Stapleton, Glenn A. Atkins, Marion I. Campbell, George E. Cauthen, Emory Jack Coulson, Loren L. Davis, Lawrence W. Decker, Austin G. Goth, Bernice L. Harper, Ralph E. Hodgson, Otho J. Hopper, Harold C. Larsen, Arthur W. Lindquist, Arthur Meyer, Robert R. Murphy, Marjorie Prickett, Ralph Schopp, Dwight M. Seath, Clifford L. Smith, J. Sorburn Smith, C. Alfred Suneson, Nelson J. Wade, Temple F. Winburn.
Alpha Zeta (honorary agricultural fraternity)—Jay R. Bentley, Raymond G. Frye, Kenneth M. Gape, Ralph F. Germann, Henry W. Gilbert, John E. Hanna, Harvey E. Hoch, Ray M. Hoss, Alonzo Lambertson, W. Loy McMullen, Charles Mantz, Warren D. Moore, Will M. Myers, Charles W. Nauheim, George D. Oberle, William G. Nicholson, Miner R. Salmon, Alva M. Schlehner, Leland M. Sloan, H. Leonard Stewart, Carl Williams, John L. Wilson, Frank Zitnik, Will M. Myers.
Rifle competition (high individual score)—D. M. Earl; high aggregate score—M. B. Sanders, D. M. Earl, M. B. Bennett; Rifle team swimmers—E. W. Bennett, H. T. Blanchard, O. Dilsaver, D. M. Earl, C. Eustace, C. M. Kopf, C. O. Little, P. E. Pearson, M. B. Sanders, L. L. Vrooman.
Band fob—John Burke, Margaret Colver, Paul Condry, Ralph Freeman, J. H. Karr, Howard Kipfer, C. O. Little, J. R. Mathias, Austin Morgan, L. B. Noble, Gertrude Sheetz.

VARSITY DEBATE

Debate teams—James Bonfield, Hugh Bruner, John Correll, Everett Fauchier, Solon Kimball, Wilbur McDaniel, Ernest Reed, John Schafer, Oliver Selfridge, Virgil Siebert, Ted Skinner, James Taylor, Allen Terrell, Robert Wilson, Mary Lou Clark, Myrtle Johnson, Bessie Leach, Alene McCammon, Helen Mangelsdorf, Claire Price, Gladys Schafer, Edna Mae Soclofsky, Frances Wagar.
Extempore speaking—Fred Seaton, Izola Dutton.
Oratory—Arnold Chase, Rachel Lamprecht, Dan McLachlan, John Correll.
Sigma Delta Chi (award for journalism student scholarship)—Gladys Schafer, John Watson, Vera Crawford.
Alpha Kappa Psi (commerce)—E. E. Fauchier, O. M. Koontz, D. N. League, C. T. Lorenz, Harold I. McKinsey, W. F. Mitchell, M. C. Oursler, Dale F. Pocock, Randle C. Rolfs, V. C. Rowe, D. M. Shannon, Dale S. Snider, Richard Vogel.
Mu Phi Epsilon (music)—Drussilla M. Beadle, Lillian B. Daugherty, Edna E. Findley, Mary J. Jobling, Lesta M. Lawrence, Venita Schade, Gladys Schmedemann.
Phi Alpha Mu (general science)—Muriel Howard, Bernice Loyd, Mayme McCrann, Anna Reed, Nina Sherwood, Inez E. Snyder, Marie E. Sperling, Alice Tribble, Selma E. Turner.

MEN'S MUSIC FRATERNITY

Phi Mu Alpha (music)—Howard T. Blanchard, Jack Burke, E. K. Chapin, Marvin D. Davis, H. K. Gloyd, Ernest W. Green, William Hemker, J. Glen Hilyard, Richard Jesson, J. H. Karr, Hal H. McCord, Jr., Benjamin E. Markley, Max Martin, Challis W. Meagher, Austin Morgan, Raymond Peters, Charles F. Powell, F. Gerald Powell, Maurice Purcell, Carl G. Ossmann, Robert H. Russell, Dale Thomas, Glen E. Toburen.
Phi Delta Kappa (education)—Ross H. Anderson, Clarence O. Banta, Ray-

mond A. Bell, Kenneth D. Benne, Harry H. Bruner, Archie A. Glenn, Earl E. Graham, Leo E. Hudiburg, John A. Linke, Robert H. McCollum, Claire A. Martin, Charles A. Morgan, Merle D. Morris, F. A. Mundell, Fred L. Nevius, Raymond Patterson, G. L. Rucker, Ralph A. Shenk, E. A. Waters, Jewell K. Watt, Jesse F. Westerdale, Karl Marx Wilson.

Pi Kappa Delta (debate)—Mary Lou Clark, Prof. C. M. Correll, Mary Myers Elliot, Everett Fauchier, Myrtle Johnson, Bessie Leach, Helen Mangelsdorf, Ernest Reed, John Schafer, Ted Skinner, J. A. Terrell.

Quill club (writers of literature)—J. C. Dalgarn, Elsie Flinner, Russell Hastings, Foster Scott, Frieda Sloop, Ruth Wilkerson.

Scabbard and Blade (military science)—E. L. Andrick, G. I. Blair, Tony Borecky, E. E. Daman, W. W. Daniels, W. I. Gorrell, C. L. Guinn, E. F. Jenista, C. A. Murrell, C. C. Parrish, P. E. Pearson, D. E. Price, A. L. Reed, C. M. Rhoades, E. C. Richardson, H. D. Smiley, H. N. Stapleton, Fred Storz, Dale Suplee, F. W. Toomey.

Sigma Delta Chi (journalism, men)—Quentin Brewer, R. K. Dickens, Paul K. Dittmore, Kenneth M. Gape, James W. Howard, Fred A. Seaton, Kermit J. Silverwood.

Theta Sigma Phi (journalism, women)—Bernice Bender, Vera Crawford, Alice Fincham, Wyona Florence, Ruth Helstrom, Rachel Lamprecht, Gladys Schafer, Emily Thackrey.

Agricultural engineering faculty prize—Orval French.

American Institute of Architects Award—Robert I. Lockard.

Architectural faculty freshman prizes—Robert Alexander, Harry Ganstrom.

BEAUX ARTS AWARDS

Beaux Arts Institute of Design award—First honorable mention, Robert Lockard; honorable mention, R. I. Lockard, Louis E. Fry, C. E. Brehm, F. M. Hartman, A. G. Kridler, J. B. Morse, C. M. Rhoades, H. W. Baker, R. E. Adams, C. A. Rinard, R. S. Walker, H. E. Martin.

American Society of Civil Engineers award—Martin K. Eby.

Electrical engineering faculty prizes—L. C. Paslay, Irvin R. Stenzel, Clyde Newman, Harold E. Trekel.

Sigma Tau—high scholarship awards—Ethel Eberhart, John S. Schafer, James A. McBride. Honorable mention—Harold V. Carlson, Philip Lantz, William Tomlinson, Max L. Eaton, Frank S. Martin, Carl J. Chappell, Dell W. Turner.

Sigma Tau (members)—M. A. Cowles, K. D. Grimes, Lynn Hartman, H. J. Jobe, J. H. Karr, L. N. Lydick, R. H. McKibben, G. E. Meredith, H. S. Miller, C. C. Parrish, C. M. Rhoades, C. A. Rinard, E. M. Regier, E. H. Russell, Irvin Stenzel, H. E. Trekel, W. J. Arndt, H. W. Baker, C. F. Clayton, F. R. Condell, M. J. Caldwell, L. E. Fritzinger, W. I. Gorrell, R. C. Hay, J. W. Ingraham, W. B. Jackson, L. F. Kepley, M. G. Ott, E. F. Peterson, A. L. Reed, O. H. Walker.

VETERINARY DIVISION AWARDS

Schmoker prize for general proficiency (veterinary medicine)—Thomas J. Leasure, Wesley W. Bertz.

Jensen-Salsbery prizes in therapeutics—Wayne O. Kester, Andrew L. McBride.

Faculty prize in pathology (veterinary medicine)—Thomas J. Leasure.

Faculty prize in physiology—John L. George.

Home economics scholarship award for highest grades during the four college years—Margaret H. Greep.

Omicron Nu (home economics)—Mildred Marita Baker, Gladys M. Benne, Grace Brill, Orpha Brown, Neva LeVerne Burt, Marguerite V. Chaffin, Izola Dutton, Miriam Genie Eads, Ruth E. Graham, Eva M. Guthrie, Florence L. Harrell, Faye Harris, Virginia S. Hogard, Anita Mae Lindsey, Loraine L. Lortscher, Ruth McCammon, Thelma Fern McClure, Mary E. Maxwell, Mabel E. Roepke, Flora Helena Ross, Luella Cone Vanderpool, Florence L. Wentz.

Members of meats judging team—Vivian D. Abell, Orpha Brown, Frances L. Wentz, Mary A. Wilson.

Omicron Nu honorable mention (scholarship)—Mary Holton, Leona P. Parken, Maria E. Puetze, Sue W. Irons, Mary E. Crawford, Maxine E. Fones, Loraine V. Martinson, Helen E. Swartz, Irene L. Todd, Emma Frances Shepek, Catharine E. Zink, Mildred E. Bell, Lyla Roepke, Martha P. Betz, Minnie Marie Laue.

Omicron Nu freshman scholarship award—Irene Lillice Todd.

Merrill-Palmer scholarship award—Thelma Fern McClure.

A. A. U. W. graduate fellowship award—Marjorie Prickett and Julia Southard.

Mortar board membership—Margaret Green, Catherine Halstead, Helen Hemphill, Carol S. Kelley, Annie Kerr, Ruth McCammon, Margaret McKinney, Gertrude Sheetz.

Elect New Friars

Members of the Friars, senior men's honorary organization, announce the election of the following new members for 1930-31: Ladek Fiser, Mahaska; H. C. Boley, Topeka; Kenneth Grimes, Topeka; H. E. Tempero, Broughton; C. C. Parrish, Radium; Frank Condell, Eldorado; W. G. Nicholson, Neal; D. H. Spangler, Stanton, Neb.

Hockenhull Speaks

F. L. Hockenhull, director of circulation for Capper publications, spoke at journalism lecture on Thursday, May 1.

Less than 30 per cent of the energy in burned coal is utilized by the modern power plant.

CATTLEMEN'S DAY SET ON MAY 24 THIS YEAR

EIGHTEENTH ANNUAL MEETING OF STOCKMEN

Banquet Program Features Celebration of Twenty-fifth Anniversary of Founding of K. S. A. C. Department of Animal Husbandry

Kansas livestock men and others interested in the livestock business are invited to the eighteenth annual cattle feeders' convention to be held at the Kansas State Agricultural college May 24. The program this year is similar to that of former years but has an added special feature or two. The program will call attention to the twenty-fifth anniversary of the organization of the department of animal husbandry as a separate department. In recognition of the event, special effort has been spent in arranging the banquet on the evening of May 24 following the day program. In years past the banquet has been an informal affair which the cattlemen have always looked forward to.

AN ALL-DAY PROGRAM

The visiting cattlemen will study and inspect the K. S. A. C. feed lots and livestock between 8 and 10 o'clock on the morning of the 24th, according to the program arranged by Dr. C. W. McCampbell, department head. At 10 o'clock the formal program begins. President F. D. Farrell will welcome the visitors and his address is to be followed by reports on cattle feeding experiments for the current year. Dean W. C. Coffey, Minnesota university, will speak just before noon. One of the headline speakers of the afternoon will be John Fields, president of the Federal Intermediate Credit Bank of Wichita. His address will deal with the intermediate credit bank and cattlemen.

The detailed program follows:

8-10 a. m.—Inspecting K. S. A. C. feed lots and livestock.

10 a. m.—Jesse C. Harper, Sitka, Kan., president of Kansas Livestock association, presiding; Welcome—F. D. Farrell, president of the Kansas State Agricultural college; Report current year's K. S. A. C. cattle feeding experiments; What about feeding big steers on grass beginning May 1—M. A. Alexander, animal husbandry department, K. S. A. C.; The influence of bluestem grass on the color of beef—D. L. Mackintosh, animal husbandry department, K. S. A. C.; Address—W. C. Coffey, dean of agriculture and director Minnesota agricultural experiment station.

JOHN FIELDS A SPEAKER

12 m.—Luncheon served by K. S. A. C. Block and Bridle club.

1 p. m.—Afternoon session—Jesse C. Harper, presiding; Address—The Intermediate Credit Bank and the Cattlemen, John Fields, president, Federal Intermediate Credit Bank of Wichita; Report current year's K. S. A. C. cattle feeding experiments; Utilizing bluestem grass in fattening young cattle for market, C. W. McCampbell, animal husbandry department, K. S. A. C. The relative value of certain protein supplemental feeds in cattle fattening rations, B. M. Anderson, animal husbandry department, K. S. A. C. Question box—C. W. McCampbell.

Dr. J. E. Kammeyer, head of the department of economics and sociology at the Kansas State Agricultural college, will be the toastmaster at the banquet program celebrating the twenty-fifth anniversary of the founding of the animal husbandry department. Speakers whom he will introduce and their subjects are as follows:

THE BANQUET PROGRAM

Animal husbandry work at K. S. A. C. from the viewpoint of a Kansas taxpayer—Clyde Miller, president of Miller Livestock and Investment company, Topeka.

Animal husbandry work at K. S. A. C. from the viewpoint of an outsider—W. C. Coffey, dean of agriculture and director of Minnesota agricultural experiment station.

Animal husbandry department at K. S. A. C. previous to the organization of a department of animal husbandry—L. E. Call, dean of agriculture and director of agricultural experiment station, K. S. A. C.

The organization and early history of the department of animal husbandry at K. S. A. C., 1905-1911—R. J. Kinzer, first professor of animal husbandry, now secretary of American Hereford Cattle Breeders' association.

The department of animal husbandry at K. S. A. C. from 1912 to 1918—W. A. Coche, second professor of animal husbandry, now editor of the Weekly Kansas City Star.

The department of animal husbandry at K. S. A. C. from 1918 to the present time—C. W. McCampbell, third professor of animal husbandry.

Fifty years on the campus at K. S. A. C.—Dr. J. T. Willard, dean of the division of general science and vice-president of the Kansas State Agricultural college.

Plan Alumnae Reunion

There will be a K. S. A. C. alumnae dinner held Wednesday evening, June 25, during the week of the National Home Economics convention, at the Shirley-Savoy hotel, Denver, Colo. All students, instructors, and former students and instructors are cordially invited to be present. Tickets will be sold at the time of registration.

1930 Baseball Schedule

Apr. 5—St. Mary's 1, Aggies 3.
Apr. 11—Oklahoma 6, Aggies 6.
Apr. 12—Oklahoma 4, Aggies 1.
Apr. 21—St. Mary's 0, Aggies 1.
Apr. 25—K. U. 1, Aggies 10.
May 5—Kirkville, Mo., Teachers 1, Aggies 6.
May 9-10—Missouri at Manhattan.
May 16-17—Iowa State at Ames.
May 20-21—Oklahoma at Manhattan.
May 23-24—Nebraska at Manhattan.
May 27-28—K. U. at Lawrence.

EDITORS INVADE TOWN TOMORROW EVENING

COME EARLY FOR BRANDING IRON MELEE

Writers Will Spend Friday and Saturday Discussing Multitude of Publishing Problems—Memorial Services for Blackburn, Marble, Mack

Memorial services for three veteran Kansas newspapermen who have died within the last year will have a place of prominence on the program of the thirty-eighth annual convention of the Kansas Editorial association which convenes here Friday and Saturday, May 9 and 10.

The three late editors, each of whom was loved and admired for the mark he made in Kansas journalism, are W. E. Blackburn, Herington Sun; George W. Marble, Fort Scott Tribune-Monitor; and John C. Mack, Newton Kansan-Republican. Each was a one time owner or part owner of the publication with which he was associated. The memorial services for the late Herington editor will be conducted by Bert Harris of the Herington Times; for George W. Marble by W. C. Simons, the Lawrence Journal; and for John C. Mack by Jess L. Napier, his former associate on the Newton Kansan-Republican.

HEADQUARTERS AT WAREHAM

The editorial convention will get under way Friday morning in the Wareham hotel, according to the program announced by Victor Murdock, Wichita Eagle, president. Registration with the secretary and appointment of committees will be the order of business until Friday afternoon when an address of welcome by Dean J. T. Willard of the Kansas State Agricultural college, the response by Mr. Murdock, the memorial services, and a number of short speeches on editorial problems are to be given.

An unusually large advance guard of editors will be in Manhattan Thursday night, influenced to come early by special banquets arranged largely in their honor. Sigma Delta Chi, the men's journalism fraternity at K. S. A. C., is staging a branding iron banquet for the benefit of editors, public officials, and Manhattan business and professional men who wish to pay hard money to see and hear themselves "razzed" and ridiculed. While the men folks are enjoying their ribald party, prominent women of Kansas, including visiting women editors, will be banqueted by Theta Sigma Phi, women's journalism fraternity at K. S. A. C., at its first annual Matrix table. Mrs. Margaret Hill McCarter is the principal speaker of the evening.

TO DANCE FRIDAY NIGHT

A dance arranged by Sigma Delta Chi follows a chamber of commerce courtesy dinner Friday evening. Two principal toasts are to be by Willard Mayberry, the Elkhart News, on "Looking Backward" and Fred Seaton, Manhattan Mercury, on "Looking Forward."

On Saturday discussion of the multitude of editorial problems continues with Leslie Wallace, Larned; Paul Jones, Lyons; Will Beck, Holton; and Joe Satterthwaite, Douglass, representing the old guard among the editors, and Chester Shore, Augusta; Angela Scott, Iola; and Walt Neibarger, Tonganoxie, presenting views of the younger men. Saturday's session will be held in the journalism building on the campus.

NEW R. O. T. C. UNIFORMS AT START OF NEXT YEAR

Olive Drab and Blue Sky Feature Puttee-less Suits

R. O. T. C. students next September will have handsome new uniforms in which to begin the drill season. The old uniforms worn this season have been turned in and arrangements made for the new-style uniforms.

These uniforms will be olive drab melton cloth with full-length trousers and a blouse with a roll collar of sky blue. The caps will be of the overseas type.

K. S. A. C. Globe Trotters



P. L. GAINEY



C. O. SWANSON

Doctor Gainey and Doctor Swanson are two of several K. S. A. C. persons who are to tour the European continent during the coming summer. Doctor Swanson has been retained by the bureau of agricultural economics to study the consumption of American wheats by European peoples. The following K. S. A. C. and Manhattan persons are planning to attend the international poultry congress in London during June and July: Dr. and Mrs. D. C. Warren, poultry department; Dr. and Mrs. J. E. Ackert, zoology department; Dr. Martha Kramer, food economics and nutrition; and Mr. and Mrs. Arthur F. Peine, Manhattan.

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER.....
R. L. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, MAY 7, 1930

WELCOME EDITORS!

The college and Manhattan are delighted to be hosts to members of the Kansas Editorial association for their two day meeting. The presence here of so many outstanding editors will be a stimulus and inspiration not only to students of journalism but to all who intelligently follow public opinion.

Kansas is proud of the part she has played in American journalism. Her William Allen White has garnered honors for Kansas as the result of his audacious editorial leadership in every question of national and world importance. "Ed" Howe's Globe which the Atchison "philosopher" controlled until 1911 was unique among small town papers of the country for its satiric editorials and epigrams.

Among those in Kansas who have gone from the editor's chair to places of importance in national politics are United States Senators Arthur Capper and Henry J. Allen. Her present governor, Clyde M. Reed, is a former newspaper man who considers his newspaper training a valuable aid in his present high executive position.

The editorial chair of Kansas papers has given to the board of regents its chairman, W. Y. Morgan of Hutchinson, and two other valued members, Oscar Stauffer of Arkansas City, and Charles M. Harger, Abilene.

These are names of men who a few years ago were the promising young men of the fourth estate of Kansas. There always have been promising young men in Kansas journalism. To know them today read the programs of their annual conventions.

Victor Murdock, the president of the Kansas Editorial association, has invited a dozen of tomorrow's leaders in Kansas newspaperdom to appear at the meeting in Manhattan this week. It is a young man's program.

But some of them have not waited till tomorrow to be the leaders.

LIVESTOCK AGAINST A FAMINE

The value of livestock in any farming program is dramatically illustrated by the condition that exists today in China. The Chinese are efficient producers of crops. They have conserved the fertility of their soils and have maintained yields. But despite this ability hundreds of thousands of human beings are starving to death in China and reports indicate that two million persons are doomed to die from lack of food. Why? The answer is plain. The Chinese are not livestock producers. They do not have the vast herds and flocks so characteristic of America, which constitute a great food reserve. One crop failure in China, which depends entirely on plant crops for foods, brings famine and death.

The value of livestock has been pretty well demonstrated to farmers of the United States since 1920, in making greater diversification of effort profitable. But there still are too many farms on which there is neither a cow, a sow, nor a hen. The farmer who is not giving livestock an opportunity to help him is cheating

himself and making his job of getting a living from the soil more difficult. In recent years livestock on American farms has been more profitable, on the average, than crops grown during the same period. Perfect methods of handling have made production easier and profits more certain. A cow and a sow and a hen are mighty good friends to have around. —Ray Yarnell in Capper's Farmer.

COURT ROOMS

Court rooms are the duller and, with the exception of night clubs, usually the worst ventilated places discoverable in any modern city. Behind a high, atrociously designed bench of quarter-sawn oak a judge bends his head eruditely over his papers and wonders if next Sunday he will succeed in making the seventh hole in four. At their tables the newspaper reporters nibble their pencils, dream amorously of Earl Carroll's coryphees, and speculate on how they can manufacture a sensation for the front page. The spectators yawn cavernously and wish they had gone to see Clara Bow's new film. The jurors strive against insurmountable odds, hereditary and cranial, to appear intelligent, and pretend (without the slightest success) that they have not already made up their minds as to the verdict. The prosecuting attorney, worrying about the next election, is only half convinced of the soundness of his case, and sighs lugubriously when the counsel for the defense indulges in a meandering cross-examination. —S. S. Van Dine in Scribner's.

BOOKS

The Laborer and His Hire

"Real Wages in the United States, 1890-1926." By Paul H. Douglas. Houghton Mifflin company. New York. 1930. \$7.50.

This is number nine of a series of highly informative books in which are reported the results of studies sponsored by the Pollak Foundation for Economic Research. It contains about 700 pages of data and discussion relating to the subject of wages. Although it involves the very foundations of our national welfare, socially and economically, this is a subject upon which very few people are well informed.

The studies reported upon in the book were made by Paul H. Douglas, professor of industrial relations at the University of Chicago. The author properly regards the subject as one of major importance. "There is, indeed, no more important question in the field of social history," he says, "than that of the 'condition of the people.' It is not only the best index of the relative success or failure of any economic or industrial system, but it also affords the best clue as to the permanency of such a system. If the material condition of the great masses of the people is steadily and appreciably advancing, then the popular urge for any change in political or economic fundamentals will be but slight. If, however, the real income of the people is diminishing, social unrest necessarily accumulates, and changes of some sort almost inevitably follow."

The book is based upon this point of view. It shows developments in the wages situation in the United States for nearly 40 years, not merely as to money units but, much more significantly, as to purchasing power. It shows them in terms of the material condition of the great masses of the people. It involves a study of earnings of 22 million employees out of a total of 27 million people in the United States who work for wages or salaries. Living costs, unemployment, changes in working hours, and other factors in the wages situation were, of course, included in the study and are reported upon in the book.

When the trends of salaries and wages since 1890 are considered in relation to living costs it is found that federal employees in Washington, D. C., clerical workers, and preachers have been materially disadvantaged. In general, people who work with their hands have fared much better, and so, *mirabile dictu*, have school teachers. With the exception of the latter, the economic tide has been persistently against most people in white collar jobs as compared with manual workers. This probably is as it should be. Who shall say that those who "maintain the fabric of the world" should not be well paid for doing it?

The book represents a prodigious

quantity of painstaking work, including the gathering and digesting of a very large mass of data and the making and verifying of approximately three million computations. The material is well organized, the style is clear and interesting, and the typography and binding of the book are excellent. A copy of the book has been deposited in the college library through the courtesy of Dr. William Trufant Foster, director of the Pollak Foundation. —F. D. Farrell.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

A son, Harry Irving, Jr., was born to Harry I. Lucas and Ina (Priest) Lucas, '13, at Juneau, Alaska.

C. C. Key, '18, accepted a position

work in the machine shops of J. B. Ehram.

"Merchant of Venice" was given in the Manhattan opera house under the auspices of the K. S. A. C. Athletic association.

A. D. Cozard, f. s. in '88, and L. G. Folsom, f. s. in '98, who received training in the printing department, were in business for themselves, the former with the Cozad Printing company of Kansas City, and the latter as publisher of the Galva Clarion.

FORTY YEARS AGO

H. S. Willard, '88, was studying medicine with Doctor Robinson here.

Dudley C. Atkins, f. s. '86, and Jessie McDonald, f. s. 1883, were married.

Mrs. Benight who had been visit-

Ethics of Newspaper Circulation

F. L. Hockenhuil

A publication to be of any value whatever must have readers. It does not matter if a publisher is impelled solely by the altruistic wish to spread intelligence, or by the more mercenary desire to make money on the sale of advertising space, he can do neither unless his newspaper or magazine has readers—unless it has circulation. In most cases of modern publishing, the sale of advertising space is a great factor. Advertising rates, of course, are based directly on circulation. It is obvious why the circulation department of a publication is one of the three indispensable legs—the editorial department, the advertising department, and the circulation department—upon which the entire structure rests. Despite this, however, circulation has been the last department to develop. The first, I suppose, was the editorial department—yet it is well within the memory of living men when editorial departments were neither well organized nor governed by any code of ethics. Each was responsible only to its conscience and its God, if it happened to have either. The second to develop ethical and business standards was the advertising department. Each still is marked by exceptions to adherence to the code. Yellow journalism practices in the handling of news and alleged news, and misleading and quack advertising still exist. The progress of the editorial and advertising departments toward ideals, however, began before that of circulation.

A scramble toward big circulation began a few generations ago in order to increase the sale of advertising space. The cry of the period was "Increase circulations!" Exaggeration of circulation claims became a prevalent sin. Circulations were forced; forced in every way possible. Circulation of newspapers and magazines in the period between 1890 and 1905 increased from 54,000,000 to 120,000,000. Circulation was given away, obtained by premiums, by contests, by bulk sales, by any old method. Advertisers had no way of knowing what they were buying in way of circulation.

Then began the inevitable pressure for honesty in circulation claims, both as to quantity and quality. Naturally enough this pressure came upon the publishers from advertisers and advertising agencies through which space was bought. The advertising department was the first to feel this pressure, and even today the advertising department of a publication is the circulation department's greatest critic. Ways of auditing circulation were devised. In 1914 the Audit Bureau of Circulations was organized, and since then the publishing business has had a definite code of circulation ethics—incidentally a code with teeth.

with C. R. Nichols, engineering contractor at Wichita Falls, Tex.

Ira E. Taylor, '13, was resident engineer for the federal aid and highway construction in Mitchell county, with headquarters at Beloit.

TWENTY YEARS AGO

The college Y. M. C. A. gave its sixteenth annual banquet at the gymnasium. Tom Blodgett, of the board of regents, was the principal speaker and President Waters acted as toastmaster.

The Aggies were victorious in all the baseball games they played during the month of April. Their opponents were as follows: Nebraska Wesleyan university, Hays City Normal school, Nebraska university, Missouri Valley college, Kansas Wesleyan university, Manhattan League team, Ottawa university, and Kansas State Normal school.

THIRTY YEARS AGO

Mark Wheeler, '97, first lieutenant of the Fourth United States infantry, Manila, wrote an interesting letter to friends.

O. K. Walters, who took the apprentice course at the college the preceding year, went to Enterprise to

ing for some time with her daughter, Mrs. Hood, left for her home in Terre Haute, Ind.

P. M. Kokanour left for his new home in Lake Arthur, La., where he issued the first number of his paper, the Herald.

FIFTY YEARS AGO

A large stone addition was being built to the old Professor Platt house on college hill.

The following appeared in the Burlington Patriot concerning C. A. Dow, f. s. 1874: C. A. Dow, county surveyor, is busy all the time, filling orders for surveying; and we have yet to find a single person who is not satisfied with the prompt and accurate manner in which he executed it. For a young man he is making a commendable record, and is working up a good business.

Mark how fleeting and paltry is the estate of man—yesterday in embryo, tomorrow a mummy or ashes. So for the hair's-breadth of time assigned to thee live rationally, and part with life cheerfully, as drops the ripe olive, extolling the season that bore it and the tree that matured it. —Marcus Aurelius.

STOP

Mary Carolyn Davies in the Saturday Evening Post

Because I gave a smile to you,
Because you gave a kiss,
Is there the slightest reason to
Build up a dream on this?

A dream's a costly edifice
Too frail for living in.
So let us, in our wisdom stop,
Before we quite begin.

SUNFLOWERS

H. W. D.

BALANCE WHEELS

Kansas editors are guests of Manhattan and the Kansas State Agricultural college this week. They are in convention assembled, as the saying goes, for the purpose of arriving at ways and means of giving the citizens of Kansas better newspapers.

This particular wing of the editorial association, which we somehow like to think of as the right wing, concerns itself exclusively with improvement in the quality of newspapering. Advertising, circulation promotion, cost accounting, and things like that are not talked about.

Kansas is lucky to have newspaper men who sprout such wings. The state always has been fortunate in her editor-publishers. They have played the role of balance wheel in a commonwealth looked upon from the outside, sometimes, as being in need of a stabilizing force.

And these editors of Kansas are peculiar hombres. Somehow or other they have cultivated a deft ability to take themselves both seriously and unseriously. Incidentally, or inevitably perhaps, they have learned how to take their publics both ways, also.

As a result, Kansas editors have happily saved themselves the embarrassment of being classed in with college professors, teachers of all kinds, preachers, political leaders, and others who insistently suffer from the delirium of leadership. The public has refused to deify editors, and then crucify them, because they have had the good sense to admit out loud and frequently that they are mere human beings.

The editor learns early in the game that personal preference and personal opinion have to be checked, and checked cautiously, against things as they are. The teacher behind his desk and with his books, the preacher in his pulpit, the political leader on his platform—all of whom are wont to become intrigued with the sound of their own voices—quite often do not gather in this little truth until the proper time for sensing it has passed. The editor early learns to back the tortoise of public approval against the wild March hare of somebody's brainstorm.

What we mean is that editors, Kansas editors if you please, have developed a technique of progressive followership that puts them in a class by themselves. They have achieved a strategic position which enables them to direct without ferules, halos, or brass bands.

The finest thing about the editor is his skill at sitting—on things. He can smother fool ideas in thousands of ways. He knows how to ignore what needs ignoring, and his power of direct condemnation, if it comes to that, is awful.

Most editors we have known are naively unconscious of this delicate role they play in the drama of modern life. Not showing the symptoms of leadership, they do not know they are afflicted, and consequently behave themselves as ordinary men and women. It seems a shame to be saying things that might disillusion them into messianic complexes.

But there is little danger, for they know how to take themselves unseriously. You can bet your last share of Cities Service that if the program or anything gets too heavy or some speaker grows too concerned, they will snicker or snort, as they choose, and go play golf—or see about something they have almost forgotten to remember.

For many years I was self-appointed inspector of snow-storms and rain-storms and did my duty faithfully. —Harry David Thoreau.

AMONG THE ALUMNI

The address of Hugh B. Dudley, '20, is Box 74, Lebanon, Tenn.

Smith H. Lapsley, '25, is employed by the Empire companies, Bartlesville, Okla.

Vera Warnock, '29, has a position with the National Livestock and Meat board, Chicago, Ill.

Ruth Richardson, '30, has been engaged to teach home economics in the Burr Oak high school next year.

J. Roe Heller, '29, holds a position in the engineering department of the Santa Fe railway with headquarters at Newton.

Keith W. Miller, '23 and '27, of Phoenix, Ariz., is auditor for the Quicksilver Corporation of America and also has connections with the Hartman Interests, Inc., in the same capacity.

George A. Miller, '19, and Dora (Grogger) Miller, '20, with their two children, are living at 921 Elbon road, Cleveland Heights, Ohio. Miller is one of the chief engineers for the Austin company of Cleveland.

G. Edward Marshall, '29, is with the entomology department of Purdue university, Lafayette, Ind. Marshall formerly was employed as junior entomologist, bureau of entomology, U. S. D. A., at Orlando, Fla.

Anna Winifred Searl, '15, is home demonstration agent for the Livingston county farm bureau in cooperation with the state relations service and the University of Illinois. Miss Searl's headquarters are at Pontiac, Ill.

Homer L. Parshall, '27, who is with the revenue accounting department of the Southwestern Bell Telephone company, Kansas City, Mo., in a letter to Miss Jessie Machir, registrar at K. S. A. C., says: "Settlement with the connecting companies for long distance calls over our lines is my specialty. My work is very interesting, with enough variety to keep it from getting monotonous. Am planning to make K. S. A. C. a visit this fall during my vacation, which will be in September."

MARRIAGES

ROBERTS-WALKER

Announcement has been made of the marriage of Marion Roberts, f. s., daughter of Major and Mrs. Edward A. Stockton, Jr., to Richard G. Walker February 21 at Manila, Philippine islands.

LONG-TORREY

The marriage of Reva Long and Floyd Torrey, both of Manhattan and both former students at K. S. A. C., took place April 23 at the home of the bride's parents. Mr. and Mrs. Torrey will make their home in Vinita, Okla., where he will be manager of the new Hotel Vinita.

DEATHS

KIMBALL

John M. Kimball, who was completing work for graduation from K. S. A. C. this spring, died April 19 at a hospital in Manhattan from complications following an appendicitis operation. He is survived by his parents, Albert B. Kimball, '89, and Myrtle (Whaley) Kimball, f. s., of Hutchinson.

HAMMOND

Allen LeRoy Hammond, 21 years old, senior in architectural engineering at K. S. A. C., died at his home in Wichita recently, following a short illness. He was well known at K. S. A. C. and was a good student both here and at Wichita high school, east, from which he was graduated. Hammond was the son of Mr. and Mrs. R. B. Hammond of Wichita and had planned to join his father in the Wichita Construction company after graduation this spring. He was a member of the Sigma Phi Epsilon fraternity. Burial was in Wichita.

STUDENT EXHIBIT

The recent exhibit of student work in the art department proved to be very significant in its interpretation of modern trends in all phases of art, a revolution swiftly affecting our furniture, architecture, and landscaping. The work shows an increasing importance of simplified form rather

than attention to excessive detail and copying of nature. Good design is adapted from everyday things, from excavating machines to garden flowers, revealing true appreciation of good structural form.

Some of the most interesting studies were those of beginners applying newly acquired knowledge in simple ways. For example, the various kinds of color harmonies were applied to borders of original design, or surface patterns, thus producing the colors in memorable shapes, and in this manner they are more apt to appeal to those in whom were combinations of color do not produce an inner ecstasy.

Very appealing studies were made in values of block and grey. Illustrations for a poem showed very nice technique, but their chief importance lay in their clever welding of the arts of descriptive language and of pencil artistry. The various interpreters, with their different impressions, show a coordination of knowledge of line with that of language, which to most people is a simpler means of expressing emotions. Such a definite alliance of arts brings closer together the musician, the poet and the artist, and so makes for better rounded, more complete culture.

Quotations from Robert Henri provided very worthy subject matter for several beautiful plates of printing. Well designed letters were used to express equally well formed thought.

The costume design figures could be appreciated for their historical interest, as well as for their niceness of line and color. The ages of fashion were amply represented, from a sylph-like and gauzy Cleopatra to a heavily adorned Catherine de Medici. Not that men were neglected, for in days of old masculine costume was evidently not above elaborate embellishment and gay color.

Hooked rugs and decorated chests and scarves of original design were quite practical applications of art principles, and perhaps it may be pointed out that many of the surest technicians who were perhaps not naturally adept in expressing themselves at one time, through training in the elements of art, became able to express their individuality in forms of good design. A basic knowledge is fundamentally important for originality in any production. The line studies for originality, for instance, showed great spontaneity; they were accomplished by free brush work, and were interesting in that they indicated sharp or subtle changes in feeling by little divergences in line.

The plates of design employing prismatic color were exceedingly modern in their intensities and dynamic qualities.

The use of actual and personal experiences, as in individual costumes, sketches of campus activities, and similar projects, doubtless motivated these types of problems for the student. Closely allied to this method of interesting the pupil in art was the designing of personal book plates and Christmas cards, bringing application of accumulated technique from an abstract basis.

A very interesting versatility in problems was presented, and the variety of technique exhibited proved absorbing to the most exoteric of observers. As a whole, if there is a definite relation between art and the life it reflects, these examples of modern expression of students illustrated that the new and beautifully practical forms and textures are being adopted. —E. G.

MORTAR BOARD TO INITIATE ALUMNAE MEMBERS OF XIX

Ceremony Will Be Held During Commencement Week

Helen Hemphill, president of Kansas State chapter, Mortar board, announces that there will be initiation for alumnae of XIX who wish to join Mortar board during commencement week, May 25 to 29. The new Mortar board girls for 1930-31 will also be initiated at the same time, after which there will be a Mortar board luncheon.

Xix of K. S. A. C. was granted a charter in 1928 as a chapter of national Mortar board, sponsoring and emphasizing service, scholarship, and leadership.

The initiation and luncheon will be \$12. Subscription to the Mortar board quarterly is \$1.50. Alumnae Xix members are urged to write Miss Hemphill at once if interested in becoming members of Mortar board.

TOPEKA CATHOLIC HIGH WINS SCHOLASTIC MEET

MARYSVILLE SECOND IN NINTH ANNUAL K. S. A. C. CONTEST

Harriett Reed, Holton, and Bessie Lu Henthorne, Winfield, Take First in Scholarship and Cash Award Competitions, Respectively

Topeka Catholic high school won all around honors in the ninth annual Kansas scholarship contest, results of which were announced recently by Professors V. L. Strickland and B. H. Fleenor, of K. S. A. C. More than 4,000 high school students from 150 Kansas high schools participated in the contest. The Topeka school will receive a parchment award, as will the Marysville high school, which placed second.

Though Topeka Catholic and Marysville students placed first and second as a group, none of the students from either school won one of the 12 individual prizes offered, though several won gold medals for being high on one subject. Three of the individual prizes were offered to those placing highest in any three of seven major high school subjects, and three more to those scoring highest in three of 18 minor subjects. Scholarships at K. S. A. C. constituted the prizes in the first group, and cash awards those in the second.

GIRL WINS SCHOLARSHIP

Harriett Reed, Holton, won first in the scholarship award group, and will receive a \$100 scholarship. Dale Johnson, Oberlin, was second and will get a \$75 scholarship. Others who won are as follows: Lena Ruth Osborne, Partridge, \$50; Arthur Case, Nickerson, \$25; Everett Byer, Hamlin, \$25; Paul Brown, Concordia, \$25.

Bessie Lu Henthorne, Winfield, won first in the cash award group, and will receive \$35. John Robinson, Colby, won second and a \$25 prize. Other winners were: Jack Bernet, Horton, third, \$15; Norman Pederson, Horton, fourth, \$10; Roy McCracken, Medicine Lodge, fifth, \$7.50; Nellie Ruth McQueen, Manhattan, sixth, \$7.50.

Examinations were prepared in 25 subjects in the statewide contest and gold medals were offered to the student showing the best knowledge of the subject in each of the 25 groups.

THE MEDAL WINNERS

The medal winners were as follows:

First year English—Marcella Connaughton, Topeka Catholic high.
Second year English—Harriett M. Reed, Holton.
American history—P. E. Marchette, Topeka Catholic high.
Social civics—Junior Howard, Oberlin, first.
First year algebra—Hester Dettler, Nickerson.
Plane geometry—Victor Howard, Colby.
Physics—Mary Wilson, Ness City.
Third year English—Eileen Wood, Topeka Catholic high.
First year Latin—Virginia Lewis, Horton.
Second year Latin—Ann Colvin, Topeka Catholic high.
First year French—Maratta Martinez, Winfield.
First year Spanish—Faye Clements, Topeka Catholic high.
World history—Richard Kane, Topeka Catholic high.
Modern history—Lloyd Peck, Dighton.
General agriculture—Richard Gorton, Dighton.
Economics—Velma Elliott, Saffordville.
Sociology—Vera Schlageck, Grinnell.
Commercial arithmetic—Melvin Lunback, Clifton.
General science—Conrad Cooney, Topeka Catholic high.
Biology—Bessie Lu Henthorne, Winfield.
Physical geography—Bernard Wohler, Barnes.
Physiology—Gladys Koch, Haven.
First year home economics—Helene Hawkins, Herington.
Second year home economics—Hazel Keever, Winfield.
Vocational agriculture—Howard Bunnell, Wellsville.

Deibler's Memory Good

John B. Brown, '87, superintendent of the United States Indian school at Phoenix, Ariz., relates this one:

"One day in McAlister, Okla., nearly 30 years after George Deibler, f. s. '86, and I separated at Manhattan, I walked hurriedly toward the railway station in that town passing a dray which was pulled up to the curb. The man on the dray, a contractor of buildings, hailed me with 'Hello, J. B.' It was George Deibler, so he said, although he had to work on me for some minutes before I could recall him and our association in college. That was bad for me but what do you think of George? We had not been classmates or roommates nor closely associated in any way and we had had no com-

munication since leaving college. I had acquired gray hair and rotundity of form along with other evidences that tempus was fugit, but George knew me. Wasn't it fine of him to admit it and isn't it great to have a memory that works like that?"

HIGH SCHOOL CONTEST WINNERS ANNOUNCED

Results of Thirteenth Annual Newspaper Competition Made Public By Journalism Department

Winners in the thirteenth annual high school newspaper contest conducted by the K. S. A. C. department of industrial journalism were announced recently by Prof. C. E. Rogers, head of the department.

The Wyandotte Pantograph of Wyandotte high school, Kansas City, won first place in class one, for the larger high school newspapers of the state, and duplicated that feat in class seven, for newspapers published in high school print shops.

There were 62 high school publications entered in the contest, which included classes for high schools of all kinds and for junior high school. High school magazines and high school departments in local newspapers also were included in the competition.

A change in the method of classification this year threw many newspapers into class one which formerly had been in class two.

The winners:

Class one (Newspapers published in high schools of more than 542 enrollment)—Won by the Wyandotte Pantograph, Wyandotte high school, Kansas City. Second, the Topeka High School World, Topeka. Third, the Ark Light, Arkansas City.

Class two (Newspapers published in high schools of 301 to 542 enrollment)—won by the Lampton, Iola. Second, the Manhattan Mentor, Manhattan. Third, the Mission, Merriam.

Class three (Newspapers published in high schools of 101 to 300 enrollment)—Won by the Decatur Dictator, Decatur County Community high school, Oberlin. Second, the E. H. S. Bearcat, Ellsworth high school. Third, La Crosse Hi-Lights, La Crosse.

Class four (Newspapers in high schools of 100 enrollment or less)—Won by the Courtland Courier, Courtland. Second, the Community Echo, Bucyrus. Third, the Council Grove Trail Blazer, Council Grove.

Class five (Newspapers in junior high schools of any size)—Won by the Roosevelt Record, the Roosevelt Intermediate school, Wichita. Second, the Northwest, Northwest junior high school, Kansas City. Third, the Hamilton Herald, Wichita.

Class six (Magazines published by high schools of any size)—Won by the Scribbler, published by Topeka high school.

Class seven (Newspapers in which the printing is done by students of the high school)—Won by the Pantograph, Kansas City. Second, the Booster, Pittsburg. Third, the Ark Light, Arkansas City.

Class eight (High school departments in town or city papers)—Won by the Newtonian, published in the Evening Kansan-Republican of Newton. Second, the High School Echo, published in the Oswego Independent. Third, High School Happenings, in the Topeka State Journal.

FLY REPELLENTS ADD LITTLE TO MILK FLOW

Tests Show Sprays and Salt Have Negligible Effect

So far as increasing the milk flow of dairy cattle is concerned, "fly sprays" seem to have little effect, according to experiments conducted at the Kansas State Agricultural college. While commercial fly sprays all reduce somewhat the number of flies, with a spray cost of about 1½ to 2½ cents daily per cow, the average increase in milk flow was less than one tenth of 1 per cent. This figure is based on the average of three seasons, including in the test five different sprays. The 48 cows used in the test produced 4.3 pounds more milk when sprayed than when not sprayed, or less than one-tenth of 1 per cent.

Fly salt proved equally valueless. When as high as 6 per cent of the grain ration was "fly salt" the results were negative so far as protecting the cows from flies was concerned.

It's Another Ralph Foster

There has been a great deal of speculation and comment regarding the name of Ralph Foster appearing recently in LOST, STRAYED, OR—list. The Ralph Foster whose address is unknown at the alumni office is not Ralph Foster of '22, former alumni secretary now with the Missouri Pacific Railway at St. Louis, but Ralph Foster, '26, who is probably somewhere in California.

The immediate goal of county agent work is to secure the adoption of improved farm practices.

RECENT HAPPENINGS ON THE HILL

A riding contest for women was a special feature of the Ag fair program last Saturday.

Since the recent R. O. T. C. inspection, uniforms have been checked in and the "war" is over for this spring.

The campus east of the college cafeteria is the scene of many hard fought contests while the organized women's groups play off intramural baseball games.

John Correll, Manhattan, junior in industrial chemistry, placed second in the national oratorical contest sponsored by the Better Homes Federation of California at Lawrence April 29.

A group of women students with huge purple and white bows in their hair carried dolls, animal crackers, and stick candy to classes last week. Purple Pepsters, honorary organization of W. A. A., initiated 18.

Eleven students of the applied art department went to Lindsborg last Monday. Birger Sandzen, head of the art department at Bethany college, conducted them through his studio and the art collection at his home.

New uniforms of olive drab melton cloth with full length trousers, a blouse with a roll collar of sky blue and caps of the overseas type will decorate the R. O. T. C. students in the basic course next fall. Officers will wear the same type of uniform used at present.

At general journalism lecture last Thursday votes were cast to select the three most popular journalism students, one woman and two men, who will be "King En Quad," "Queen Em Quad," and "Jester Pl," of the Kingdom of the Galley Slaves. The winners will be announced at Scribblers' Scramble May 9.

'ELEVENS MAKING PLANS FOR THEIR 1931 REUNION

F. E. Fuller Sounds Call Well in Advance

F. E. Fuller, '11, who is president of the Illinois group of the American Society of Farm Managers, an organization of professional farm managers, Bloomington, Ill., announces the '11 class reunion for 1931 in the following way:

"What is being done about a call to the '11 class for a year from now? In my opinion we might as well announce it a year ahead that a few of us 'elevens are going to try to have a large percentage of the class back in June, 1931. Let the '10's celebrate first so we may have a goal to surpass if possible.

"In this professional farm work, I have 60 farms. It is highly pleasing as a vocation. There are some 30 men in Illinois now doing this work."

Melchers On Speaking Tour

Prof. L. E. Melchers, head of the department of botany and plant pathology, left Sunday for Ohio, Kentucky, and Illinois where he has been invited to give illustrated lectures on Egypt before organizations at Ohio State university and the Universities of Kentucky and Chicago.

At Ohio State he will give two evening addresses, "Life and Scenes Along the Nile" and "The Libyan Desert and the Egyptian Oases." He will speak at the seminar of the plant institute on "Mycological Observations in Egypt" and on "Studies on Physiological Specialization of the Kernel Smut of Sorghum."

At the University of Kentucky Professor Melchers will speak before the honor society of science, Sigma Xi, and at the University of Chicago, he will make an address before the botanical seminar and give his illustrated talk on the "Libyan Desert and the Egyptian Oases."

Alpha Zeta Elects

Officers of Alpha Zeta for the coming year were elected at a recent meeting of the group. Those elected are: B. R. Taylor, Alma, chancellor; F. G. Ackerman, Lincoln, censor; L. M. Sloan, Leavenworth, scribe; A. G. Nicholson, Neal, treasurer; A. G. Lamberton, Fairview, chronicler; H. E. Hoch, Alta Vista, sergeant-at-arms.

TRACK RECORDS FALL AS K. U. TAKES DUAL

EHRLICH AND BLISS SET NEW AGGIE JUMP MARKS

Jayhawk Javelin and Pole Vault Records Also Broken in Meet at Lawrence—Toadvine Out for Remainder of Season

Two K. S. A. C. records were broken in the dual track meet with Kansas university last Saturday at Lawrence. The meet was won by the university team, 85 to 46. Milton Ehrlich, Marion, elevated his own high jump record to 6 feet 3 5/8 inches. Major Bliss, Minneapolis, set a new broad jump record of 22 feet 6 inches. Bliss also was breaking his own record, set earlier this year at 22 feet 7-8 inch.

Two Kansas university records, those in the pole vault and javelin throw, also were broken.

The Aggies entered the meet without the services of O. L. Toadvine, Dighton, star sophomore two miler. Toadvine, who ranks just below Dawson of Oklahoma and Putnam of Iowa State, both upper classmen, will be lost to the Aggie squad for the rest of the season, and possibly for the rest of his college career. He is troubled with rheumatism and has bad arches.

This week end the Aggie track team meets Hastings college at Hastings, Neb., in a dual meet.

The summaries:

100-yard dash—Won by Sichel, K. U.; Kianer, K. U., second; Elwell, Kansas Aggies, third. Time 9.8 seconds.

150-yard dash—Won by Miller, Kansas Aggies; Hinshaw, K. U., second; Dutton, Kansas Aggies, third. Time 4 minutes 30 seconds.

220-yard dash—Won by Kianer, K. U.; Elwell, Kansas Aggies, second; Mize, K. U., third. Time 21.4 seconds.

120-yard dash—Won by Nichols, K. U.; Paden, K. U., second; Fornelli, Kansas Aggies, third. Time 16 seconds.

440-yard run—Beardslee, K. U., and Stralow, K. U., tied for first; Kopf, Kansas Aggies, third. Time 50.6 seconds.

Two-mile run—Won by Fortune, K. U.; Miller, Kansas Aggies, second; Levine, K. U., third. Time 10 minutes 7.7 seconds.

220-yard low hurdles—Won by Hinkley, Kansas Aggies; Kianer, K. U., second; Mize, K. U., third. Time 24.4 seconds.

880-yard run—Won by Fullerton, K. U.; Zimmerman, K. U., second; Black, Kansas Aggies, third. Time 2 minutes 4 seconds.

Shot put—Won by Thornhill, K. U., 46 feet 10 inches; Frank Bausch, K. U., second, 44 feet, 2 inches; Walton, K. U., third, 42 feet, 1-4 inch.

Discus throw—Won by Thornhill, K. U., 143 feet 10 1-2 inches; Walton, K. U., second, 130 feet 9 inches; Frank Bausch, K. U., third, 125 feet 7 inches.

Javelin throw—Won by Walton, K. U., 186 feet 9 1-2 inches; Richardson, Kansas Aggies, second, 182 feet 9 inches; Livingston, Kansas Aggies, third, 180 feet 6 inches. (New K. U. record.)

Pole vault—Won by Trueblood, K. U.; Jordan, Kansas Aggies, second; Livingston, Kansas Aggies, third. Height 12 feet 9 5-8 inches. (New K. U. record.)

High jump—Won by Ehrlich, Kansas Aggies; Stillman, K. U., second; Walker, Kansas Aggies, third. Height 6 feet 3 5-8 inches. (New Kansas Aggie record.)

Broad jump—Won by Bliss, Kansas Aggies, 22 feet 6 inches; Hodges, K. U., second, 22 feet 4 inches; Elwell, Kansas Aggies, third, 22 feet 1 1-2 inches. (New Kansas Aggie record.)

1 mile relay—Won by Kansas Aggies (Coleman, Kopf, Morgan, Andrick); K. U., second. Time 3 minutes 26.5 seconds.

SCHOOL JUDGING PRIZE TO COTTONWOOD FALLS

Chase County Community High Wins President's Certificate—Louis Evans High Individual

Chase county community high school of Cottonwood Falls won first place in the annual high school judging contest at the college last week, thereby winning President F. D. Farrell's parchment certificate for the highest total score in judging all classes of poultry, grain, dairy cattle, beef cattle, horses, hogs, and sheep.

The team members, Bernard Hodgkins, Loraine Burns, and David Sharp, were coached by H. L. Murphy. Ottawa high school, coached by C. O. Banta, was second. Louis Evans, Washington high school, was the high individual on total score, and Bernard Hodgkins and Loraine Burns, Cottonwood Falls, were second and third, respectively. Eighty-one teams of three members each competed in the two day contest making it the largest in number of entries ever held.

Summaries of the contest:

Animal husbandry department—Hill City high school, first; Ottawa high school, second; Frankfort high school, third. High individual, Roy Forgy, Hill City.

Dairy department—Chase county community high school, first; McDonald rural high school, second; Clay county community high school, third. High individual, Iver Wickstrum, Clay county.

Poultry department—Lawrence high school, first; Chase county high

school, second; Norton community high school, third. High individual, Walter Heck, Lawrence.

Grain department—Wamego high school, first; Lawrence high school, second; Decatur community high school, third. High individual, James Manfield, Wamego.

Future farmers' oratorical contest—Kenneth Waite, Winfield, first; Forest Trager, Shawnee Mission, second; Robert Stepp, Parsons, third.

Winners of the title "State Farmer"—Louis Evans and John E. Flanagan, Washington; Wayne Jacobs, Harper; Wayne Scott, Wellsville; Kenneth Waite, Winfield.

High individuals in shops contest: Identification—Ralph Cartner, Chapman.

Valve timing—Shelburne Hendricks and Walter Shaw, Oberlin.

Written examination—Loren Adrehamson, Macksville.

Welding—Shelburne Hendricks, Oberlin.

Rafter work—Roland Hinkle, Carbondale.

Concrete work—Glen Tweed, Norton.

GAINEY GOING ON LONG EUROPEAN TOUR SOON

K. S. A. C. Bacteriologist Will Attend Second International Soil Congress in Soviet Russia

Dr. P. L. Gaine, professor of bacteriology and soil bacteriologist of the Kansas agricultural experiment station, will this summer attend the second international congress of soil science in Leningrad and Moscow, Soviet, Russia. He will represent the college and the experiment station at the congress which begins July 20. A week will be spent in Leningrad and one week in Moscow, followed by a 29 day tour of southern Russia.

Doctor Gaine was one of three American scientists who shared equally in a \$5,000 award offered by the Chilean nitrate of soda company for outstanding research work. A condition of the award is that it must be used in furtherance of research.

Doctor Gaine will give a paper at the soil science congress dealing with "The Role of Nitrogen and the Significance of Free Fixation under Semi-arid Conditions." Doctor Gaine will sail from Montreal June 15, and will proceed to Moscow via Italy, Switzerland, France, Germany, Czechoslovakia, and Poland. The 29 day tour following the soil congress will take the scientists by rail and by water down the valley of the Volga river, back across Armenia, and across the Black sea. The return trip for the K. S. A. C. bacteriologist will take him through southern Finland, the Scandinavian countries, and the British Isles. In each country he will visit soil bacteriological laboratories and study soil types and conditions.

HONOR DEAN WILLARD AT FACULTY MEETING

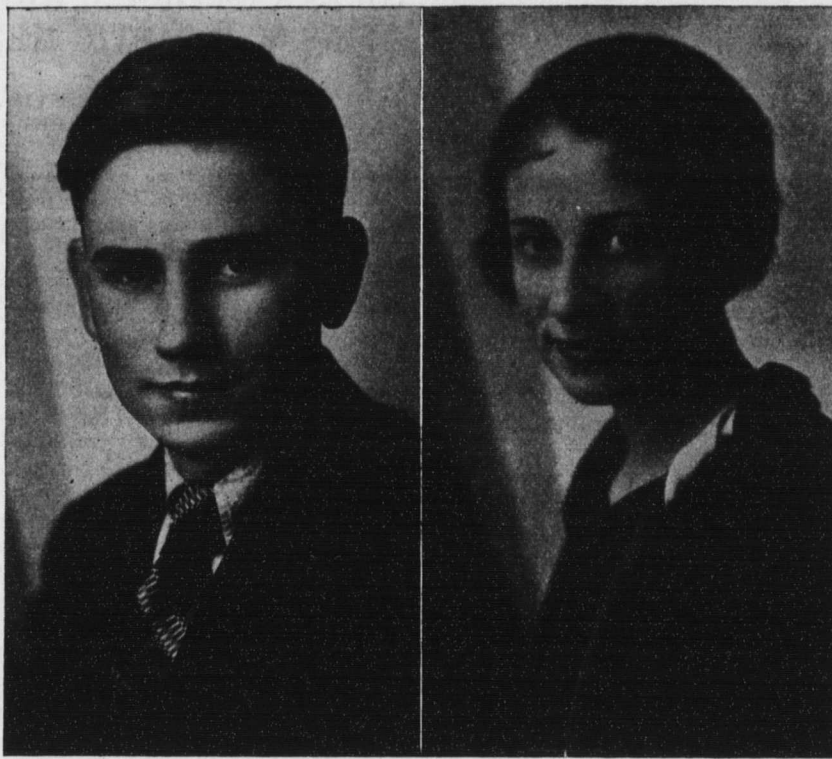
Members of Division of General Science Staff Present Letters—Express Appreciation

Faculty members of the division of general science of the college took charge of the regular monthly meeting called by Dean J. T. Willard Tuesday afternoon and, very much to the dean's surprise, turned it into an appreciation of his services. It was the last meeting of the faculty of the division of general science which Dean Willard attended as dean. His resignation will become effective at the close of the present fiscal year, after which time he will give full time to the office of vice-president of the college.

Letters of appreciation from members of the general science faculty had been bound in leather covers and were presented to Dean Willard by Dr. J. E. Kammeyer, head of the department of economics. Dean Willard responded with a brief address in which he expressed his regard for the loyal services of his faculty. Miss Ada Rice, professor of English, and Dr. H. H. King, head of the department of chemistry, spoke of Dean Willard as teacher and scientist, respectively. Dr. V. L. Strickland, chairman of the program committee of the general science faculty, presided. Special guests were deans of other divisions of the college and Mrs. Willard.

At Beautiful Santa Barbara

Ruth Williams, '29, is assistant dietitian at the Samarhand hotel, Santa Barbara, Calif. In a letter to Miss Jessie McDowell Machir, registrar at K. S. A. C., Miss Williams says: "The work is very interesting and Santa Barbara is a beautiful place. I think that it is one of the loveliest spots in California."



When the names of new members of Phi Kappa Phi for the spring semester were announced both Mary and Howard Jobling of Drury, near Caldwell, were on the list. They are the children of John Jobling. Howard, who is 19, is a senior in industrial chemistry and will be employed by the DuPont interests after graduation. His sister, a senior in public school music, has finished college in three years by attending summer schools. Last fall Margaret Greep and R. O. Greep, brother and sister, of Longford, were elected to Phi Kappa Phi.

SPECIALIZED COURSE FOR WOMEN OFFERED

PRACTICAL WORK GIVEN UNDER DIRECTION OF MRS. BOUGHNER

Journalism Furnishes Material for Outside Publications—Combination With Home Economics Is Valuable

"Journalism for Women" will be the name next year of the industrial feature writing course now offered to women students in the journalism department by Mrs. Genevieve J. Boughner, assistant professor of journalism.

The course deals with the specialized writing which women do for newspapers and magazines and covers such subjects as society writing, club reporting, departments of home-making, beauty, shopping, fashions, as well as editing women's and children's pages.

MANY OUTSIDE CONTACTS

Practical work to bring about contacts with the business world, to lessen the dread of job hunting after college, and to make the transition from college to the job less abrupt, is required of the students. They contribute the Farm Home column of the Weekly Kansas City Star and a column, "The Gadabout," for a local department store in a Manhattan newspaper. Members of the class this spring went to Kansas City, where they visited department stores and

specialty shops and met stylists, advertising managers, and advertising copy writers and also visited women editors on the Kansas City Star.

Surveys of women's departments in magazines and newspapers are made not only to discover what has been done by successful writers, but to study the possibilities for new departments and ideas students might sell to them.

"IDEA PERSON" WANTED

The business world is more and more demanding the "idea person," Mrs. Boughner believes, and students who want to make good after college must not be content to imitate what has been done, but must be continually on the lookout for new ideas they can sell or put over.

The home economics department of the college affords the women of the class an excellent opportunity to acquire the practical, scientific information that magazines and newspapers demand today for their home-making departments, Mrs. Boughner believes. Students who take home economics courses along with journalism have an ideal equipment for a writing career, whether in the business or editorial field.

Mrs. Boughner is author of the text book which is used in this course, "Women in Journalism." Before coming to Kansas State Agricultural college last fall, she was advertising manager of a Saint Paul department store.

Harbord Faced with Difficult Choice, Took Path of Least Glory, Most Service

Editor's Note—The following material appeared recently in the column "A Washington Bystander" conducted by Kirke Simpson, of the Associated Press. It concerns General James G. Harbord, '86.

Washington.—On a July night in 1918 at Chaumont, France, Pershing's headquarters, Destiny abruptly stepped in to change the whole course of life for James G. Harbord, then commanding the gallant second division.

Harbord had been summoned by Pershing. He was asked to make a weighty decision.

As a combat commander, after his great services as Pershing's chief of staff in the organization period of the A. E. F., command of a corps at the front, perhaps the triple stars of a lieutenant general's rank, seemed just ahead for him.

But a new and disturbing suggestion had reached Pershing from Washington. Secretary Baker had written that a suggestion was presented for the commander-in-chief's consideration that General Goethals, builder of the Panama canal, come over to assume entire responsibility for the supply services, reporting direct to Washington. Mr. Baker requested Pershing's views. It would have divided authority in France between Pershing and Goethals.

"From his (Pershing's) comments that July night on the fatal consequences certain to result from such an arrangement, I have yet to hear dissent from the lips of any professional soldier," Harbord said in addressing a war college class of 12

years later, telling his own story of the S. O. S. in France. "He felt that a suggestion of myself to command the S. O. S. might be acceptable to the authorities in Washington and avert action which he believed invited disaster."

So here was Harbord, leader of a victorious division, yet asked to "turn my face to the rear." Pershing recognized the sacrifice he asked, making the assignment contingent on Harbord's own acceptance and deferring final decision over night, although Harbord at once indicated his "readiness to go anywhere he wished."

Pershing even held out a promise of return to the front when a successor in the S. O. S. could be trained.

"But the next combat division I commanded was the reorganized second division at Camp Travers, Tex., in 1920," Harbord said, sadly, to his war audience.

What Harbord actually did that July night the Bystander has heard from his own lips. He went out into the streets of Chaumont and walked for hours, every soldierly impulse battling against acceptance of that face-to-the-rear assignment; every reason of loyalty to Pershing demanded his assent.

Without doubt it was the contacts of his big terrific days in the S. O. S. that paved the way for the Harbord of today, a big gun of the business world.

KAFIR FODDER SILAGE GIVES BEST RETURNS

HAYS TESTS SHED LIGHT ON ROUGHAGE FEEDING

Data Show Gain Per Care Is Most Practical Basis for Evaluating Feeds for Livestock—Grinding Increases Value Somewhat

An interesting phase of the cattle feeding experiments reported on at the recent roundup at the Ft. Hays branch agricultural experiment station was that dealing with the comparative value of kafir fodder fed in different forms. Four lots of cattle were used in the test, each containing 10 yearlings, eight steers, and two heifers. Each lot was fed one pound of cottonseed cake per head per day as a protein supplement. In addition each lot received all the kafir roughage it would consume as follows:

Lot 1, whole kafir fodder; lot 2, kafir fodder cut in small lengths with a silage cutter as needed and designated as chopped kafir; lot 3, kafir fodder ground as needed; lot 4, kafir fodder silage.

RESULTS OF TESTS

Results of the experiment may be seen in the following observations made by those in charge of the tests at the time of the roundup:

Kafir fodder chopped with a silage cutter produced practically the same gain per acre as did kafir fodder fed whole.

Ground kafir fodder produced 77.21 pounds more gain per acre than whole kafir fodder. Giving the increased gain per acre from grinding a value of \$11 per cwt., which is approximately the present value, ground kafir fodder was worth \$8.49 per acre more than whole kafir fodder. The increased value from grinding kafir fodder was shown last year to be due mainly to grinding the grain rather than the stalks.

Kafir fodder silage produced 340.58 pounds more gain per acre than whole kafir fodder. Giving this increase in gain a value of \$11 per cwt., kafir fodder silage was worth \$37.46 per acre more than whole kafir fodder.

Kafir fodder silage produced 263.37 pounds more gain per acre than ground kafir fodder. Giving this additional gain a value of \$11 per cwt., kafir fodder silage was worth \$28.97 per acre more than ground kafir fodder.

FACTS MAY BE MISLEADING

Using gain per acre as the basis of comparison and giving whole kafir fodder a value of 100, chopped kafir fodder was worth 100.83; ground kafir fodder, 135.62; and kafir fodder silage, 257.14.

Gains per unit of feed may be quite misleading as a measure of the value of a method of feeding to the man who produces his feed. This is emphasized by the results secured in lots 1 and 4. In lot 1 a ton of dry fodder produced 17 1-2 per cent more gain than a ton of silage but an acre of silage produced 157 per cent more gain than an acre of fodder. This justifies a repetition of the statement that the return per acre is the most practical basis to use in evaluating feeds for livestock.

MANY PLAN TO ATTEND 1930 SUMMER SESSION

Advance Inquiries Received By Dean Holton Are More Numerous Than in Past

"More inquiries than ever before have been received concerning the 1930 K. S. A. C. summer school and this fact indicates an increase in this year's enrollment," says Dean E. L. Holton, of the summer school.

The first session will be held from May 31 to August 1, and the short sessions from July 5 to August 1. Altogether 215 undergraduate courses and 165 graduate courses will be offered in 38 different departments.

In connection with this year's summer school a junior college conference will be held to discuss junior college problems and their relations to larger institutions. Representatives from the 15 junior colleges in Kansas have been invited. Dr. L. V. Koos, recognized leader of United States junior college work, will be the chief speaker.

A formal commencement will be held at the close of summer school at which W. J. Cooper, United States commissioner of education, will give the address.

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MANY KANSAS EDITORS ATTEND MEETING HERE

YOUTHS OF PROFESSION RUB ELBOWS WITH VETERANS

Memorials Held for Three Widely Known Newspaper Men at Friday Session—Young Men Predominate On Scheduled Program

Old-timers of the Kansas Editorial association rubbed elbows with the comparative "youngsters" of the profession at the thirty-eighth annual convention in Manhattan last Friday and Saturday. The program was arranged to give the greatest prominence to the younger editors, but many of the veteran editors proved better able to combat weather conditions and as a consequence filled in on the program extemporaneously.

During the convention memorials were held for three widely known and frequently quoted Kansas editors—W. E. Blackburn of Herington; George W. Marble of Fort Scott; and John C. Mack, Newton.

Responding to the address of welcome given by Dr. J. T. Willard, vice-president of K. S. A. C., Victor Murdock, editor-in-chief of the Wichita Eagle and president of the association, sketched the development of printing from Gutenberg to the moderns. He paid tribute to the old-time Kansas editor and to his more prosperous successor but issued a warning against making prosperity the goal.

FREE EXPRESSION OF OPINION

"No person in the community is so much a part of other individuals as is the editor of his readers," he said. "Therein lies the tremendous power of the press." A policy of free and full expression of opinion was advocated.

Among those of the "old guard" who were called on for short talks were Major M. M. Beck, of the Holton Recorder; Gomer Davies, of the Concordia Kansan, one of the organizers of the state editorial association; and Charles Finch, Lawrence. Charles Beebe, editor of "Kansas Facts," spoke on Friday.

Other veteran Kansas newspaper people who attended the Friday sessions were Mr. and Mrs. Tom Thompson, of the Howard Courier; Charles Townsley, Great Bend; and W. F. Hill, Westmoreland Recorder. Jay E. House, former mayor of Topeka and member of the Topeka State Journal staff and now columnist for the Philadelphia Public Ledger and the New York Evening Post, visited with friends Friday after attending the Branding Iron banquet Thursday night.

BANQUET WITH C. OF C.

At the editors' banquet with the chamber of commerce Thursday night Prof. C. E. Rogers, head of the K. S. A. C. department of industrial journalism, was toastmaster. He was introduced by Dr. H. T. Hill, head of the college department of public speaking. The speeches of the evening were made by Willard Mayberry, editor of the Elkhart Tri-State News and one of the younger Kansas newspaper men, and Fred Seaton, student at K. S. A. C. and son of Fay N. Seaton, publisher of the Manhattan Mercury and Chronicle. Mayberry's subject was "Looking Backward" and Seaton's "Looking Forward."

Saturday's program, originally scheduled for Kedzie hall, the K. S. A. C. journalism building, was held at the Wareham hotel because of rain.

"Causes and Cures of Office Pests" was the topic of Chester Shore of the Augusta Gazette. "On the Side of the Angels" was the subject assigned to Angelo Scott, Iola Register. Other speeches were as follows: "More and Better Adjectives in the Social Column," Will Beck, Holton Recorder; "Confessions of an Author," Paul Jones, Lyons News; "Interviewing the Farmer," Leslie Wallace, Larned Tiller and Toiler; "Should Obituaries Be More Voluminous," Joe Satterthwaite, Douglass Tribune; "Value

of Personal Journalism," Walt Neibarger, Tonganoxie Mirror.

A tea at the home of Professor and Mrs. C. E. Rogers from 3 to 5 o'clock Saturday afternoon was the concluding event on the social program for the editors.

On Friday night the visitors were guests at the "Scribblers' Scramble," annual dance given by the journalism department.

TOWNSLEY NEW HEAD OF EDITORIAL GROUP

Great Bend Tribune Publisher Elected President of Kansas Editorial Association

Charles Townsley, of the Great Bend Tribune, was elected president of the Kansas Editorial association at the thirty-eighth annual session of that body held at Manhattan last Friday and Saturday. Townsley succeeds Victor Murdock, of the Wichita Eagle.

Angelo Scott of the Iola Register was elected vice-president of the organization, and H. C. Sticher, Topeka, secretary and treasurer.

Chairmen of the various districts were announced as follows: First—Walt Neibarger, Tonganoxie Mirror. Second—Sydney Harris, Ottawa Herald. Third—Hugh J. Powell, Coffeyville Journal. Fourth—Earl J. Frickett, Peabody Gazette-Herald. Fifth—Miss Marion Ellet, Concordia Blade-Empire. Sixth—H. A. Dawson, Russell Record. Seventh—J. C. Hinshaw, Medicine Lodge Index. Eighth—J. Byron Cain, Belle Plaine News.

The next meeting place of the association will be selected by the executive committee.

PROMINENT KANSANS AT K. S. A. C. BANQUETS

Theta Sigma Phi Matrix Table and Sigma Delta Chi Branding Iron Draw Many

Many prominent men and women of Kansas were in Manhattan for the Branding Iron banquet of Sigma Delta Chi, professional journalistic fraternity for men, and the Matrix table of Theta Sigma Phi, women's honorary professional journalistic fraternity, last Thursday night at the Wareham hotel.

Mrs. Margaret Hill McCarter of Topeka was the chief speaker at the Matrix table. She was introduced by Mrs. Harriet Allard of the Household Searchlight, Topeka. Helen Hemphill, a senior in journalism and editor of the Kansas State Collegian, was toastmistress.

Jay E. House, columnist for the Philadelphia Public Ledger and New York Evening Post and former mayor of Topeka, was one of the guests at the Branding Iron. Ralph Snyder, Manhattan, candidate for the Republican senatorial nomination, was a guest.

Other out of town guests included the following: J. C. Mohler, secretary of the state board of agriculture; Charles M. Harger, editor of the Abilene Reflector and member of the state board of regents; Nelson Antrim Crawford, editor of the Household magazine and former head of the K. S. A. C. journalism department; W. G. Clugston, of the Kansas City Journal-Post; Arthur Carruth, Jr., Topeka State Journal; A. L. Schultz, Topeka State Journal; Leslie Edmonds, sports writer; Chester K. Shore, Augusta Gazette; H. E. Montgomery, Junction City Union; J. Byron Cain, Belle Plaine News; Will Beck, Holton Recorder; Willard Mayberry, Elkhart Tri-State News; Harry Woodring, Neodesha, candidate for the democratic nomination for governor.

Others were present who were not included in the above list, and weather conditions made it impossible for several to attend.

Orchestra Gives Concert

The college orchestra, under direction of Lyle Downey, will give its final concert of the year Thursday night, May 15, in the auditorium.

CAPPER AWARD GOES TO KENNETH M. GAPEN

THIRD TO WIN JOURNALISTIC RECOGNITION

Name Will Be Engraved On Shield Donated to K. S. A. C. Department By Senator Kansas Senator—A 1930 Graduate

Kenneth M. Gapen, Manhattan, was last night awarded the annual recognition for superior attainment in undergraduate agricultural journalism, conferred by Senator Arthur Capper, on a single K. S. A. C. student.

Announcement of Gapen's award was made at a dinner program of Sigma Delta Chi, journalism fraternity, by Prof. F. E. Charles, who teaches the agricultural journalism course. Along with two previous winners of the award, Gapen's name will be engraved upon a plaque donated to the industrial journalism department by Senator Capper.

KNOWS FARM AND CITY

Although Gapen now claims Manhattan as his home he has lived a large part of his lifetime in Chicago, and for a number of summers has been in charge of a wheat farm owned by his father near Ulysses. "He has accumulated therefrom a working knowledge of rural life as well as a helpful city man's viewpoint and understanding of affairs," Professor Charles said in announcing Gapen's award. "His general knowledge of agricultural problems, together with his ability to write intelligently of these problems, makes him an outstanding candidate for the selection."

Gapen will be graduated at the forthcoming spring commencement program. He plans to become an agricultural writer although he has a liking for broadcasting agricultural material by radio. While in college he was for a year assistant program director of radio station KSAC.

IS DRAMATICALLY INCLINED

While an undergraduate, Gapen has been prominent in class and club activities. He is a member of Alpha Zeta, honorary agricultural fraternity. With a bent toward dramatics he not only took part in college plays

and became a member of Purple Masque, dramatics society, but was for three consecutive years director of "Ag Follies" during the annual "Ag Fair."

Gapen is the third to win a place on the Capper shield, T. J. Charles, Jr., Republic, having been chosen in 1928, and Theodore J. Guthrie, Cottonwood Falls, being the 1929 winner.

STUDENTS WORK HARD TO CONSTRUCT BIG 'S'

Dedication Ceremony Saturday Night Follows All-day Labor of Crew of Five Hundred

Construction of a giant letter "S" as companion to the "K" on Mount Prospect was completed under adverse weather conditions last Saturday by a group of about 500 K. S. A. C. students, a majority of them engineers.

Rain which fell shortly before noon temporarily halted the pouring of concrete into the forms but the workers resumed their task after coming into Manhattan for a barbecue dinner at the Community house.

Presentation services for the letter were conducted Saturday night at the west entrance to the Colorado street bridge over the Kaw river. Herbert Stapleton, Jewell, chairman of the engineers' seminar committee, was in charge.

C. M. Rhoades, Newton, chairman of the "S" committee, presented the letter to the college and future students, urging that it be properly cared for and maintained. Dean J. T. Willard responded for the college.

A huge searchlight, loaned by the aviation corps at Fort Riley, was played on the two letters during the ceremony.

Quentin Brewer of Manhattan, junior in industrial journalism, was in charge of publicity for the "S" and helped arrange several benefit dances, etc., for the construction. A description of the building of the "K" was printed in the Kansas State Collegian, student newspaper, last week. It was forwarded by Arthur Brewer, '21, Downers Grove, Ill., a brother of Quentin Brewer and a leader in the "K" construction.

W. M. MYERS WINNER OF JUDGING CONTEST

IS HIGHEST IN SENIOR CLASS OF CLUB EVENT

V. A. Stewart Wins First in Elementary Division—George Brookover and L. A. Eastwood Place Second and Third in Upper Group

W. M. Myers, Bancroft, and V. A. Stewart, Manhattan, won first places in the advanced and elementary divisions, respectively, in the annual Block and Bridle club judging contest sponsored at the college last Saturday. Results of the judging were announced at a recognition program Monday night. Myers scored 533 points out of a possible 600 in judging swine, cattle, sheep, and horses, thereby winning the silver loving cup offered by the Daily Drovers Telegram as well as the right to have his name engraved on a shield furnished by the Weekly Kansas City Star. Year after year names will be engraved upon the shield which will hang in the club rooms.

MEDALS FOR SEVERAL

Stewart's score was 552, a higher mark than that of Myers, in the advanced class, but obviously an easier one to make because reasons for placing in the advanced class were given orally and in the junior class they were written out. Stewart's prize was a silver cup offered by the Block and Bridle club. Silver medals for second and third placings in the advanced division went to George Brookover, Eureka, with a score of 530, and L. A. Eastwood, Summerfield, with 503.

Silver medals for second and third placings on all classes of livestock in the elementary division were awarded at the recognition program Monday night to D. H. Bowman, Manhattan, on a score of 542, and to S. L. Franz, Soldier, with 540. Others in the order of placing were:

Senior class—B. R. Taylor, Alma, fourth; Sam Alsop, Wakefield, fifth; W. G. Nicholson, Eureka, sixth; R. S. McCoy, Cedar Vale, seventh; R. G. Rye, Freeport, eighth; Ben Kohrs, Abilene, ninth; Carl Williams, Dodge City, tenth.

Elementary class—J. B. Hawk, Manhattan, fourth; R. P. Peyton, Topeka, fifth; E. H. Regnier, Spearville, sixth; R. A. Johnson, Yates Center, seventh; L. R. Daniels, St. Francis, eighth; Albert Wilhelm, Manhattan, ninth; and John Hamon, Valley Falls, tenth.

THE CLASS WINNERS

Individual places and prizes on various classes of livestock were as follows in the advanced division:

Cattle—L. F. Taylor, Ashland, first; A. Lamberton, Fairview, second. Swine—B. R. Taylor, Alma, first; W. G. Nicholson, Eureka, second.

Sheep—W. Chapman, Wichita, first; B. R. Taylor, Alma, second.

Horses—George Brookover, Eureka, first; W. M. Myers, Bancroft, second.

In the elementary class winners were:

Cattle—W. J. Braun, Council Grove, first; Lloyd Gugler, Manhattan, second.

Swine—E. H. Regnier, Spearville, first; John Hamon, Valley Falls, second.

Sheep—Albert Wilhelm, Manhattan, first; J. P. Neill, Miltonvale, second.

Horses—V. A. Stewart, Manhattan, first; Albert Wilhelm, Manhattan, second.

The student ranking highest in each of the above classes was given a fountain pen by the Block and Bridle club.

In the senior division, 31 candidates participated. In the elementary division, 105 took part.

New Radio Equipment

Installation of a new condenser-type microphone was completed recently by radio station KSAC. The new unit is said to be a decided improvement over that formerly in use. It is absolutely quiet in its operation and is much more sensitive than the older type. The rushing noise caused by carbon microphones has been eliminated.

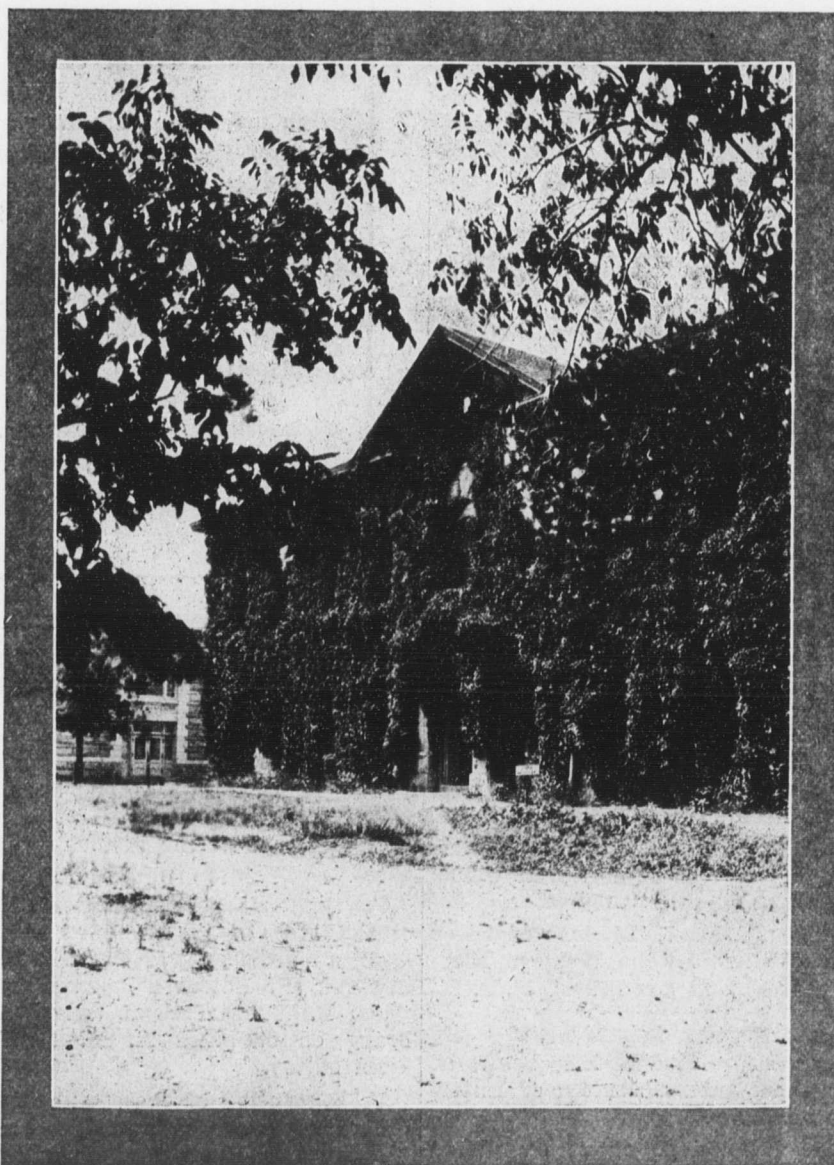
Visit Packing Plant

Twenty students, members of the meats production class at the college, visited the Wilson packing company plant at Topeka yesterday. The class is in charge of Prof. D. L. Mackintosh.

Watson to Larned

John C. Watson, a senior in journalism, went to Larned Sunday to become a member of the staff of the Larned Tiller and Toiler, edited by Leslie Wallace.

Farm Machinery Hall



Old farm machinery hall, one of the first buildings on the K. S. A. C. campus, will be remembered by many of the older graduates and former students as the meeting place of classes. Every spring it is virtually covered by ivy and becomes a campus beauty spot.

THE KANSAS INDUSTRIALIST

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Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, President.....Editor-in-Chief
C. E. ROGERS.....Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY.....Assoc. Editors
KENNEY L. FORD.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, MAY 14, 1930

DELIVER AND COLLECT

The one crop of which there is not and never has been any of overproduction is brains.

The bulls reign eternally in that market; the bears are forever routed.

A year ago a nation wide controversy was precipitated by Harold Florian Clark of Teachers' college, Columbia university, who asserted that under conditions now prevailing in the business and industrial world, a college education is not "convertible" in the financial sense of the word.

"You cannot," he declared, "train 100,000 men for 90,000 jobs without creating pressure to decrease the remuneration of the 90,000." He also said, "The persons who are earning high wages today would have made them without the help of education."

In the flood of comment which followed Doctor Clark's pronouncements, it was noted that among the dissenters were heads of many important business and industrial concerns.

The facts are that every year more of the largest corporations in the country are recruiting their forces from the ranks of college men. The General Electric and Westinghouse companies comb the engineering schools of the country for their most promising graduates. They start these men in their shops, weed out some quickly, and others after longer trials. But those who remain are advanced rapidly and trained for executive positions or they become technical experts, according to their special talents.

The same is true in other lines of business and industry.

One reason for this growing appreciation of college trained men is, of course, that more and more the executive heads of large concerns are themselves college products. The days of large corporations dominated by hard headed, shrewd men who climbed to the top by their own ability and enterprise, unaided by college educations, are passing rapidly, and the reason is that, other things being equal, the college trained man is better than a graduate of the school of experience.

It must be remembered though that a college education is not a substitute for brains, for energy, ambition, or enterprise. Without brains to start with, education may well be a waste of energy on the part of the conscientious plodder whose degree may represent prodigious feats of memory, but who has not really learned anything.

It is against collegians of this type that the sneers of business men have been directed in the past.

Doctor Clark's pessimistic estimate of the value of college training amounts, in fact, to nothing more than that if 100,000 men compete for 90,000 jobs, 10,000 of them will be unplaced in the race. This can scarcely be termed a revolutionary discovery.

The case for the college student who has devoted his energy to learn-

ing, more than mere grades, was such: "If you have the goods, climb up, deliver, and collect, too."

cinctly expressed by Herbert Kaufman. Said he:

WONDER SONG OF YOUTH

The Globe went collegiate two days this week and nobody was injured although some of the middle aged laughed more than their wont and caught now and then the wonder song of youth which everyone hears or sings at some time in his life. These youngsters from the Kansas State Agricultural college were in charge of the news department for two days and take it from those who have yelled "copy boy" in more than one city room, they know their business.

These young women and young men were strangers in Dodge City. They were new to the news beats. They had no acquaintance with the sacred cows of the southwest. They knew nothing of those influences which are at work in every community to militate against the printing of all of the news. This may have been a great adventure for these young people but they had more than star dust in their eyes. They may have carried about them the illusion common to youth but the dazzle did not blind them to life as it unwinds through a newspaper office—plain and unvarnished.

Maybe youth is in revolt, aflame and skidding rapidly to perdition, but we are in the doubting class after observing the businesslike enthusiastic and professional way these young folks tackled the news side of the Globe. We think the joke is on the calamity howlers who have yelled from Dan to Beersheba that present day young folks are strikeouts.

—From the Dodge City Globe.

IN PRAISE OF DOCTOR SWANSON

Kansas and all of the other wheat states of the southwest feel honored by the new assignment tendered Dr. C. O. Swanson, head of the milling department of the Kansas State Agricultural college. Doctor Swanson has been selected by the bureau of agricultural economics of the department of agriculture to make a study of the utilization of American wheat in Europe. He has accepted the appointment, and the Kansas State Agricultural college has granted him a leave of absence from May 1 to September 30 to permit him to devote himself to the new study. This, it is announced, will cover the milling and baking qualities of the wheat used in Europe.

It is reported that the federal farm board asked the bureau of agricultural economics to make the study which has been assigned to Doctor Swanson. The board and all other organizations interested in the subject may be assured that Doctor Swanson will make an illuminating report. He has demonstrated in his work at Manhattan that he is practical in his service to the milling and wheat industry. No scientist now associated with this industry is more sincere, and no one is working more energetically to further its advancement.

Doctor Swanson will carry with him the good wishes of the wheat and milling industry of the United States. The American industry bespeaks for him the cordial reception abroad which it would accord a scientist assigned by Europe to undertake a study of mutual advantage to the two continents.

—The Southwestern Miller.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

O. O. Morrison, '08, moved from Chicago to Waukegan, Ill.

E. H. Dearborn, '10, was owner and manager of the Golden Belt garage here.

J. E. Bengsten, '15, was machinist with the Washington Iron works at Seattle, Wash.

Walter E. Deal, '16, was engineer of materials with the Western Electric company at Lyndhurst, N. J.

TWENTY YEARS AGO

Dean Mary P. Van Zile spoke at the annual commencement of Enterprise academy.

The dairy department completed the manuscript for an experiment station bulletin on "Feeds for Dairy Cows."

E. V. Hoffman, '98, of Enterprise,

visited the college in behalf of the mills of the state that do a flour exporting business.

Willis T. Pope, '98, professor of botany in the College of Hawaii, was appointed superintendent of public instruction for Hawaii.

The students of the architecture department planned a visit to Kan-

Sallie (Huttsell) Crane, f. s. 1879, was chairman of the department of education during the current year.

FORTY YEARS AGO

W. H. Sanders, a senior student, represented the college Y. M. C. A. at the district convention at Salina.

H. W. Jones, '87, principal of the Americus schools, was at home again

The Farmer's Voice

Leslie Wallace, Publisher, Larned Tiller and Toiler

Some time ago we conceived the plan in our office of writing farm stories each week under the caption, "Little Journeys to Pawnee County Farms." To date I presume we have written a hundred and fifty of them. We try to pick out farmers who have done some particular thing well, who have made an outstanding success of some special activity on the farm, who are making a success of their farms and farming.

I believe this feature aroused more interest than anything we have ever printed in our paper. I believe it accomplished greater results in the direction of improved farming methods; I believe it actually induced a large number of farmers to diversify, for that has been the keynote of all these stories. We found farmers who had been successful with dairying, with hogs, with beef cattle, with sugar beets, with purebred cattle, with gardening, and in many other directions. We told about their farm improvements, and all the various steps they had taken to achieve success. And other farmers listen to them when they would not perhaps listen to advice from a swivel chair expert. They see that their fellow farmer in the other end of the township or the other end of the county is successful, and they are vastly interested in what he has to say about how he achieved those results. We thus avoid the fatal error of preaching to the farmers; we let them preach to each other.

I know this, that the business men of the towns do not today look with terror on a possible crop failure as they did ten years ago. There have been years 10 or 15 years ago when a wheat failure or a near failure was looked upon as an outstanding calamity, but today that terror has disappeared to a large extent, and while today nobody in our corner of the wheat belt is craving a wheat failure or a partial failure, it does not mean what it once did. The farmer has something to fall back on. The chances are the average farmer is not making his living out of wheat at all, but is making it out of some side line, like poultry or dairying.

I believe the country newspaper can be of outstanding service in this matter by being in fact the voice of its rural community, a sort of loud speaker through which is broadcast the best thought of the rural community, calculated to stimulate its progress and its prosperity.

I do not mean to speak contemptuously of swivel chairs. I have a pretty definite notion that the best informed and most successful farmers in the community obtain their inspiration from the swivel chair at the agricultural college and through its creation, the county agent, and the college graduate who comes back to the farm. The country newspaper, however, I believe, can perhaps most effectively disseminate these improved methods by voicing the opinions and the experiences and the successes of the best farmers in the various communities, through interviewing them early and often, in order that others, who will listen only to what they deem the voice of authority—namely, the fellow farmer who engages year in and year out in a practical demonstration—may profit by it.

Not very long ago we received a letter from a farm owner, asking which of his four tenants subscribed for the county paper. "If any of them do not already subscribe for it," he said, "I will pay for their subscriptions myself, for I want only intelligent farmers on my farms."

Thus, you see, it has its rewards, this practice of interviewing the farmer. The first thing you know the farmer himself makes you an authority. Whereas actually we are nothing but his voice.

sas City to study building operations in the big planing mills, art glass factories, and stone yards.

THIRTY YEARS AGO

The R. O. T. C. cadets were invited by the Manhattan G. A. R. post to participate in the memorial exercises.

At the semi-annual election of the stockholders of the Students' Herald, George Martinson was elected editor-in-chief; F. Howard, business manager; F. W. Hazelwood, associate library editor; and A. H. Leidigh, local editor.

At a meeting of the social science federation at Winfield, Emma (Knotman) Huse, '80, of Arkansas City, was elected vice-president, and Lydia (Gardiner) Willard, f. s. 1884, was appointed chairman of the department of science for the next year.

following the closing of the school term.

The following officers were elected by the Y. M. C. A. for the ensuing year: H. B. Gilstrap, president; F. W. Ayers, vice-president; B. H. Pugh, recording secretary; G. L. Melton, corresponding secretary; and J. A. Davis, treasurer.

FIFTY YEARS AGO

Mrs. Ella Kedzie and children were expected home to visit her parents during the summer.

The college social consisted of singing, recitations, and declamations which were well given. The attendance was large.

Frank Landon and W. H. Sikes, former students, opened a general merchandise store in the new building erected by Governor Green at Garrison.

THE LONELY SOUL

A. B. Leigh

Dawn came in each morning
With wet feet from the sea;
Smiled or frowned a greeting,
And breakfasted with me.

Noon the Day was with me
And my only guest;
Supper time together
We two watched the west.

Then the Night came to me
Like a dusky maid;
Slept and dreamed beside me
Trustful, unafraid.

SUNFLOWERS

H. W. D.

MY FACE AND I

The conductor of the Grass Roots column in the Topeka Capital, Mr. E. E. Kelley, agrees with me. He did not like the messing up of the Sunflower column two weeks ago by the insertion of a photographic likeness of me.

Neither did I. It was done practically over my dead body, more or less. The management insisted that the column was growing insufferably dull, and that something must be done to funny it up a bit. As usual, the management won out.

But in agreeing with me Mr. Kelley rather runs down my hairlessness, my spectacles, and my bow tie. In short, he disparages my face in general.

Now every man must stand behind his own face. Lon Chaney is the only living exception. And I am going to do my level best to justify my face to the readers of this column, no matter how impossible and inadvisable the sortie may seem.

My face, as I see it, was not assembled primarily as a contribution to the aesthetics of this world, or any other known world. It is strictly utilitarian, serving as a sort of holding concern for eyes, nose, mouth, cheeks (?), chin (?), etc. In general my face runs up and down rather than across. Of late years it has gone over the top considerably. Whatever of breadth there should have been in it has gone to my mind.

This lack of lateral development is the reason for my addiction to the employment of more or less expansive bow ties, at which Mr. Kelley sneers. I feel that the public has a right to whatever illusion of facial latitude I can create.

My specs, however, were chosen as a corrective for astigmatism and several other things costing almost as much. They were not intended to relieve the ogreishness of my physiognomy, and ought not enter a consideration of the question at issue. In fact, I gave my oculist strict orders to take care of my looking and let my looks get along as best they might. Both of these he seems to have done.

In defense of my baldness I have little to offer. I have made it a lifelong policy to speak of the departed with all the consideration and sympathy one can summon. My hair survived my callowness only a few short years. They were the best of pals, and it has always seemed fitting and beautiful that they went hand in hand to the end.

It is my belief that every man should become resigned to his face and in a measure harden the public to it. Perhaps it is better, in some cases, to reveal one's map little by little—perhaps only a section or two at a time. This is not suggested as a way out for Mr. Kelley, but as a general procedure for columnists and others who do not show to advantage on the beach or in the movies.

A man, as I have said, should have one face and stand steadfastly back of it. It is all right for a woman to have one for breakfast, another for street wear, and still another for the evening if she wishes, but we boys can never be clever enough to get away with stuff like that.

Unless my public becomes enraged and takes violent measures to alter or modernize my phizzog, I shall push it along in front of me to the grave just as it is, or as it withers.

It is ridiculous to suppose that the great head of things, whatever it be, pays any regard to human affairs.
—Pliny, the Elder.

AMONG THE ALUMNI

Leslie L. Marsh, '27, is farming at Chanute.

Major Alden G. Strong, '11, is an instructor at Fort Leavenworth.

G. L. Krieger, '24, is a practicing veterinarian at Bartlesville, Okla.

Lulu Willis, '13, is manager of the Y. W. C. A. cafeteria at St. Louis, Mo.

Guy E. Buck, '24, is with the General Electric company, Schenectady, N. Y.

Harry B. Allen, '14, is foreman of a fruit packing plant at Orosi, Calif.

Elsie K. Arbuthnot, '14, is located at Lake Alfred, Fla. Her sister, Nelle, is enrolled as a freshman at K. S. A. C.

Thomas K. Toothaker, '15, is a ranch owner and stockman at Forsyth, Mont.

The address of Albert L. Berry, '12, is c/o Golden Belt Lumber company, Salina.

Rose (Tipton) Lowell, '16, is science teacher in a high school in Los Angeles, Calif.

Julia A. Jennings, '26, is teaching in the government school at Fort Wingate, N. M.

C. H. Young, '30, will teach vocational agriculture in Beverly high school next year.

Lee N. Jewett, '19, is teaching vocational agriculture in the high school at Parsons.

Antis M. Butcher, '16, holds a position with the Happy Belting company, Tulsa, Okla.

Clinton D. Guy, '21, is proprietor of the Farmers' Exchange, a feed and produce business at Iola.

Glenn F. Wallace, '16, is farm marketing agent with the Missouri Pacific railway, St. Louis, Mo.

Neal D. Bruce, '24, is an architect with Gilbert, Stanley, Underwood and company, Beverly Hills, Calif.

George S. Knapp, '14, is chief engineer, water resources division, state board of agriculture, Topeka.

Herbert B. Headrick, '22, is mechanical engineer for the Westinghouse Electric company in St. Louis, Mo.

Louis C. Foster, '04, is employed at Topeka in the electrical department of the Santa Fe Railway company.

Alice Paddleford, '25, of Grand Rapids, Mich., will be at K. S. A. C. for commencement activities this year.

Wilbur S. Davison, '10, is principal of the senior high school and dean of the junior college at Fort Scott.

F. N. Brooks, '24, is employed by the Missouri state highway department as project engineer at Jefferson City, Mo.

Carlton M. Barber, '27, is a civil engineer with the state highway commission. His headquarters are at Kingman.

Archibald G. Van Horn, '16, is superintendent of the United States dairy unit experimental farm at Woodward, Okla.

J. L. Wilson, '23, who is director of the chemistry department at the State University for Negroes at Langston, Okla., writes that he hopes to be able to return for commencement this year.

Harry C. Rushmore, '79, 4021 Bellefontaine, Kansas City, Mo., has written for reservations to the alumni-senior banquet. "How can I miss it?" he asks. Mr. Rushmore returns each year for commencement.

John E. Thackrey, '93, pastor of the First Methodist Episcopal church at Greensburg, says:

"The Thackreys are still going strong at K. S. A. C. This year just closing makes the forty-fifth without a break that we have had a representative of our family there in college. There are four there at present, and doubtless 'more to follow.' Twenty have graduated and about eight more graduates have married into the family."

MARRIAGES

KOTAPISH—REITZEL

Mildred Kotapish and John Reitzel, f. s., both of Blue Rapids, were

married May 9 in Waterville. They will be at home after May 15 on a farm near Waterville.

HOLMSTROM—RUSSELL

Announcement has been made of the marriage of Vera Holmstrom of Randolph, and William E. Russell, '30, of La Crosse, which occurred at Council Grove April 18.

CHAPPELL—CRAWFORD

The marriage of Katherine Chappell, '30, of Manhattan, and Edward Crawford, '29, of Stafford, took place in Manhattan May 5. Mr. and Mrs. Crawford will be at home in Garden City.

ANDERSON—SNYDER

Evelyn Anderson and Fay Snyder, both former students at K. S. A. C. and both of Wichita, will be married May 15 several thousand feet above Wichita in a cabin monoplane piloted by Earl Howard, nationally known aviator. Mr. Snyder is now in the oil business with his father.

KAPPA KAPPA GAMMA BUILDING NEW HOUSE

Construction of 22-Room Brick Colonial Now Under Way at 609 North Delaware

Construction of a new \$40,000 home for the Kappa Kappa Gamma sorority is now under way in the addition west of Denison and south of Anderson avenue. The street number will be 609 North Delaware, though Delaware is not at present cut through.

The new house will be a 22-room red brick colonial with white trim and will accommodate 30 girls. In the basement will be a chapter room, lounge, and laundry room. On the first floor will be a housemother's suite, dining room, living room, music room, and kitchen. On the second floor will be eight study rooms, a lounge, and baths; and on the third floor seven study rooms, lounge, baths, and a dormitory.

The new house was designed by H. C. Pottenger, local architect, and is being constructed by Mont Green, Manhattan. The local chapter of Kappa Kappa Gamma was installed in 1916.

Members are: Eolia Gilson, president, Manhattan; Eugenia Leighton, West Helena, Ark.; Emily Downing, Oklahoma City, Okla.; Jeanette Verser, Oklahoma City, Okla.; Beatrice Woodworth, Corning; Helen Gates, Iola; Helen Marie Shuyler, Hutchinson; Ruth Emerick, Tyrone, Ark.; Helen Teichgraber, Marquette; Donna Gale Duckwall, Abilene; Josephine Skinner, Topeka.

Helen Louise Swan, Topeka; Sybil Parks, Parsons; Clare Harner, Howard; Ramona Weddle, Lindsborg; Margaret Darden, Manhattan; Harriet Gilson, Manhattan; Helen Durham, Manhattan; Mary Jo Cortelyou, Manhattan; Margaret Chaney, Manhattan; Rebecca Curtis, St. Joseph, Mo.; Gertrude Sheetz, Admire; Elizabeth McGeorge, Wellington.

Pledges are: Jean Rickenbacker, Turlock, Calif.; Sydney Freeman, Manhattan; Lydia Sellers, Fort Worth, Tex.; Frances Bell, Marysville; Florence James, New England, N. D.; Hazel James, New England, N. D.; Mary Hauser, Wooster, Ohio.

Meets Former Aggies

Elizabeth (Greenlee) Jarvis, '21, of Pomona, Calif., writes: "My husband, who is a K. U. graduate and a former student of K. S. A. C., and I attended a K. U. banquet in Los Angeles this winter and heard much of the K. U.-K. Aggie rivalries of the winter."

"I have met several of the older Aggie grads and two or three former instructors but none from during the years when I was there."

Mr. and Mrs. Jarvis, who have lived in California the last five years, have two children, Elizabeth Jane and Robert Warren.

Annual Quill Banquet

The annual banquet of Ur Rune of the American College Quill club was held at the Gillett hotel last Wednesday night. Initiation for the following seven persons preceded the banquet: Mrs. H. W. Marlow, Foster Scott, Ruth Wilkerson, Elsie Finner, Frieda Sloop, Russel Hastings, and J. C. Dalgarn. Miss Ada Rice, of the department of English, read the prize winning short story of the Quill contest, "No Imagination." It was written by Mrs. Marlow.

LOOKING AROUND

KENNEY L. FORD

The following is taken from a letter written by Dudley Moses, M. S. '24, who is now in South Africa, to Dean L. E. Call, of the division of agriculture:

"I resigned from the public service last September to accept a position with this firm (African Explosives and Industries, Ltd.) as agronomist. It is the largest fertilizer firm in South Africa and as such has embarked upon a policy of building up an agricultural section. The section comprises L. D. Hall and myself at present, but it will, no doubt, expand later."

"The position in Rhodesia did not materialize. I have heard that A. R. Saunders, '23, was considering putting in his application for one of the posts offered, but after consideration decided not to apply. The Rhodesian government has started a school of agriculture not far from Balawayo and several posts were to be filled there."

"At present I am stationed in the sub-tropical coastal belt of Natal, trying to organize the work here. The crops here are entirely different from those of the Transvaal as maize is not of much importance here. At present our experiments are with sugar cane, peanuts, coffee, and tropical fruits such as pineapples, pawpaws, bananas, and the like. It is most interesting, of course, but getting the necessary background requires a great amount of reading."

"Another branch of the work which is receiving a lot of attention at our hands is pasture management research. We have a number of co-operative experiments under way, in which we are combining use of fertilizers and rotational grazing. Naturally this will entail a fair amount of traveling on my part, but the work itself will be of very great interest."

About a year ago it was announced through THE INDUSTRIALIST that the class of '22 discovered it had more than \$400 on deposit in a Manhattan bank.

At the request of Earl Means, '22, Everest, class president, the alumni office conducted a vote by mail to determine for the officers of the class how they should dispose of the fund. The class voted that their officers should purchase a work of art for the new library building. A bust of Lincoln by Lorado Taft was purchased.

Mr. Taft refunded \$128 of the sum sent him. \$100 of this was placed in the alumni loan fund as a chimes fund unit, and the remainder used to purchase a pedestal for the Lincoln bust.

The latest episode in this narrative comes from an authentic source. Each member of the class of '22 was asked to send in a news item about himself along with his vote on the disposal of the class fund. These news items were published in THE INDUSTRIALIST.

Now it seems that two members (at least two) of the class of '22 were very good friends while in school and were together a great deal. But upon graduation from K. S. A. C. one went east and the other west, never to meet again, until their names and addresses appeared in the class of '22 story in THE INDUSTRIALIST. Letters were exchanged. He found it necessary to make a business trip from Chicago to Los Angeles, where he spent most of his time at Long Beach. Their wedding has been announced for the near future.

We leave it to our membership—have we, as Kansas Aggies, really appreciated all the advantages of membership in the K. S. A. C. Alumni association?

Lots of Broilers

L. F. Gerth and Mollie (Smith) Gerth, '20, own and operate the Broken Dollar hatchery at Lane. Mrs. Gerth writes that she hopes to be back for commencement if the hatchery business does not prevent. She says:

"We are raising broilers, battery brooder fashion, in connection with the hatchery and on April 19 had sold 600 and had about 2,400 nearly ready for market. The only thing wrong with broiler business this year is the price."

Miss Fertig Resigns

Resignation of Miss Ruth Fertig, for the past two years secretary of the college Y. W. C. A., was accepted recently by the cabinet and advisory board. Miss Fertig plans to do graduate work next year.

SEVERAL OF '95 CLASS WILL ATTEND REUNION

Much Enthusiasm Displayed in Letters Concerning Thirty-five-year Meeting — Banquet Planned

The banquet for the class of 1895 is planned for 6 o'clock Tuesday, May 27, and it is expected that the class will remain for the remainder of the commencement program, including the alumni banquet May 28. Of the original 57 graduates, 50 are yet living. This is the second reunion of the class. The first was in 1920.

The '95ers were the first to issue a class book. In 1920 there was a new addition, and for this present reunion it is being planned to make an addition to this book, which will be a digest of the letters received from the members of the class. There is also a class kodak book kept in the K. S. A. C. vault, and it is requested that all members bring any pictures of themselves, their children or grandchildren, to be added to the book.

Extracts from some of the letters received by Miss Ada Rice, class secretary, are as follows:

"I have received your announcement of the reunion of the '95 gang and I want to say I'll do all I can to be there and help in any way I can to make it a success. Mrs. Freeman is also anxious to attend as an adopted '95er but she learned so much of my past history when she was with me at the last reunion that I fear it is not safe to have her again, yet it might be worse to leave her here. I am supposing that there will be considerable expense in rounding up the crowd so I am enclosing a check for \$5 as an advance contribution to the cause. If any assessment is needed, don't hesitate to levy it." E. H. Freeman.

"Will do my best to attend reunion of class of '95 this year, and perfectly willing to do whatever is needed to assist in its success." W. A. Limbocker, Burlington.

"Have just returned from a winter in Florida with my family. With reference to your question, first, I will plan to attend, and as for the other questions, I concur heartily. Eagerly anticipating the event, I remain, as ever, a '95 booster." George A. Forsyth, 2011 South Main street, Franklin, Ind.

"Your questionnaire at hand. Am planning to be with you at the appointed time, and as such, will answer all questions with a 'yes' if nothing unforeseen prevents." Benjamin F. S. Royer, 2222 W. Fourteenth street, Los Angeles, Calif.

"Some time ago I received notice to the effect that the '95ers were planning to have a reunion at commencement time. I am holding the week of May 26. Is that correct? If not, kindly let me know at once, and I think that maybe I can adjust my dates here to suit the one that you folks were planning for the reunion. Our last of six is graduating in June. I do not know whether Olive and I will be any more foot-loose after that time or not. We manage to keep busy." C. V. Holsinger, extension horticulturist, Ames, Iowa.

"We are almost beginning to count the days. Helen, our next to the youngest girl, is living in Kansas City now and writes that she will be there. She has two boys, one three years old next week and the other will be a year old next week. Frances, our youngest, has a boy eight months old now and we expect to bring him along. We can hardly say we will 'be there with bells on' as John Harmon once wrote us, in replying to an invitation to one of our Denver meetings, but with these three lusty grandsons we should have little difficulty in making our presence known." E. C. Wheeler, managing editor, The Western Farm life, Denver, Colo.

"I appreciate your reminder of our class reunion this year. Truly it should be a very pleasant gathering, and I hope and trust that we may have 100 per cent attendance, or at least nearly so. I want to assure you I am planning to be there." B. H. Conrad, Sabetha.

Friendship is a precious thing.

RECENT HAPPENINGS ON THE HILL

Thirty-six seniors in the home economics division have obtained teaching positions in Kansas high schools.

Work was started last week on the new \$6,000 greenhouse which is being built in front of the horticulture building.

A total of 384 seniors are possible candidates for the bachelor of science degree at K. S. A. C. commencement exercises May 29.

In preparation for the next year's big sister program sponsored by the Y. W. C. A., the big sister breakfast and pledge service was held in recreation center last Sunday morning.

"What Thou Seest, Write in a Book" was the theme of the talk given by Margaret Hill McCarter at the first K. S. A. C. Matrix table banquet which was held at the Wareham hotel last Thursday.

The radio station of the college has completed the installation of a new microphone in the studio. This type represents the latest development in broadcasting equipment and already listeners have reported a noticeable improvement.

Dr. A. E. Bondarenko, professor of agricultural economics in the agricultural academy of Moscow, U. S. S. R., visited the department of agricultural economics here last week. Doctor Bondarenko is in America visiting agricultural schools for the purpose of studying farm practices, land utilization, and farm organization.

JONES GIVES ADVICE TO THOSE WHO WOULD WRITE

Tells Trials and Tribulations of Being an Author

Kansans who aspire to write a book may get helpful ideas on the subject from Paul Jones, publisher of the Lyons Daily News, who addressed the editors last Saturday at the Wareham.

Jones declared he spent the major portion of his spare time for a year and a half gathering material for his book, "Quivira," organized his material carefully, and then, because he feared his volume would be "text-bookish," sat down and wrote the story from memory.

Jones felt intensely the lack of library facilities in his western Kansas town, but took occasion to censure "eastern" writers who delve into volume after volume and then write a book therefrom, rather than go to the real seat of the information as did Jones.

Mr. Jones declared he had difficulty getting reviews in eastern publications.

Newspaper Office Pests

Speaking to the editors on the subject of "Causes and Cures of Office Pests," Chester Shore, editor of the Augusta Gazette, classified newspaper office pests according to their degree of annoyance. He listed them as follows:

The publicity seeker, the social escalator, the self appointed reporter, the free advertising space seeker, the self nominated molder of public opinion, the personal grudge settler, the aspiring poet, the gossiping visitor and time thief, persistent salesmen, advertising promoters, and the non compos mentis (which includes all others).

Engineers Elect Officers

C. M. Rhoades, Newton, a junior in architectural engineering, was elected president of the engineering association last week. Zint Wyant, Topeka, junior in civil engineering, was elected vice-president of the association; M. A. Cowles, Sharon Springs, secretary; and Frank Condel, Eldorado, junior in mechanical engineering, is treasurer. K. D. Grimes, Topeka, a junior in electrical engineering, was chosen as chairman for the 1931 open house.

Lost, Four 'Tens

The alumni office will appreciate having the addresses of the following people, all of whom are members of the class of 1910: Robert A. Mitchell, Eva (Rees) McKirahan, Leslie Tippin, and Earl Trosper.

TWO WINS OVER TIGER PLACES WILDCAT AT TOP

AGGIE BASEBALL TEAM DEFEATS MISSOURI 16-1 AND 10-9

First Game Develops Into Track Meet
—Second Won in Last of Ninth
With Three Singles and a Sacrifice

Big Six Standings

K-Aggies	3	1	.750
Oklahoma U.	6	2	.750
Iowa State	4	4	.500
Missouri	4	4	.500
Nebraska	2	4	.333
Kansas U.	1	5	.157

A double baseball victory over Missouri university last Friday and Saturday, 16 to 1 and 10 to 9, put the Kansas Aggie team into a tie with Oklahoma university for first place in the Big Six conference.

The first day's game was an example of what can be done by a group of earnest young men out to win a game of baseball.

Geiselman, tall Missourian and one of the veteran pitchers of the conference, was driven from the mound in the third inning by seven Aggie runs, and after that the game became a field day. On two occasions in which the first Missouri batter got on base the Aggie infield hitched up its belt and turned in a double play. On another occasion Nigro, who hit a home run as part of the day's entertainment, robbed a Missourian of a home run with a one-handed leaping catch.

Marion (Mick) Evans got five hits out of five times up. Meissinger had his usual good day behind the bat, and Prentup sparkled at short. The team played errorless ball. A. H. (Hoxie) Freeman allowed only five hits until the ninth and kept them well scattered, but with a 16-run lead he let down enough to give Missouri three singles and their lone run.

LOTS OF RUNS

The box score:

Missouri	000 000 001—1	8	4
K. S. A. C.	017 114 11x—16	17	0

K-AGGIES

Forsberg, 1b	5	3	3	0	1	0
Peterson, rf	3	1	1	0	0	0
Evans, 2b	5	1	5	5	4	0
Nash, 3b	5	1	1	1	3	0
Nigro, cf	4	2	2	4	0	0
Prentup, ss	4	2	2	3	0	0
McCollum, lf	2	2	1	0	0	0
Bell, if	0	0	0	0	0	0
Meissinger, c	4	2	2	4	2	0
Freeman, p	4	0	0	2	0	0
Totals	36	16	17	27	13	0

MISSOURI

Fruit, lf	2	0	1	4	0	0
Embrey, cf	4	0	1	0	0	0
Doorn, 1b-3b	3	0	1	6	0	0
Harutun, rf	3	1	1	0	0	0
Williams, 2b	3	0	2	1	1	0
Cater, ss	4	0	1	1	2	0
Haring, c	3	0	0	6	2	1
Elselman, p	1	0	0	0	2	0
Davis, p	2	0	1	0	3	2
Holles, 3b	1	0	0	1	0	0
Monroe, lf	3	0	0	3	0	0
*Lapin	1	0	1	0	0	0
Totals	31	1	8	24	10	4

*Pinch hitter.

The second game, played on a slippery improvised grass diamond in the city park, was as close as the first was one-sided. Henry Barre, Tampa, Aggie starting pitcher, slammed out a home run with two on in the second inning, but departed from the scene under a heavy Missouri bombardment in the fourth and fifth. T. E. (Lefty) Doyle took up the pitching burden in the fifth and had a hard time retiring the side but kept the Tigers very docile in the remaining innings.

After the nightmare fifth the Aggies were four runs behind, but crept within hailing distance in the sixth when Evans singled, went to second on a wild pitch, and scored on Nash's single. Nash and Nigro then scored when the latter smashed a home run.

NINTH BRINGS VICTORY

That was all until the ninth. Aggie fielders had settled down after a bad start and the Tigers were pulling them down in sensational style. When the last of the ninth rolled around the Aggie heavy artillery was up. Evans singled for his third hit out of four times at bat, and Nash sacrificed him to second. Nigro then singled sharply and Evans scooted home with the tying run. Prentup then singled and Nigro got to third on a slow Missouri return. The first baseman was waiting for McCollum's bunt but the catcher missed the sliding Nigro and the game was over. Last year the Aggies won the second

game with Missouri by the same score, Bill Towler's steal of home in the tenth breaking a tie.

The box score:

Missouri	004 500 000—9	13	1
K. S. A. C.	032 030 002—10	14	7

K-AGGIES

Forsberg, 1b	5	0	1	12	0	1
Peterson, rf	4	1	1	3	0	0
Evans, 2b	4	2	3	2	2	0
Nash, 3b	3	1	1	1	3	1
Nigro, cf	5	3	3	1	2	0
Prentup, ss	5	0	2	2	4	4
McCollum, lf	4	1	0	0	0	0
Meissinger, c	4	1	2	5	1	1
Barre, p	1	1	1	0	1	0
Doyle, p	2	0	1	1	2	0
Totals	37	10	15	27	15	7

MISSOURI

Fruit, lf	3	1	1	1	0	0
Embrey, 1b	5	1	1	14	0	0
Doorn, 3b	4	1	1	0	2	1
Harutun, rf	4	2	3	1	0	0
Williams, 2b	5	2	2	1	1	0
Cater, ss	4	1	2	1	2	0
Bridges, p	5	0	1	1	6	2
Haring, c	5	0	1	2	0	0
Monroe, cf	3	1	1	4	0	0
Totals	38	9	13	25	11	3

*One out when winning run scored.

AGGIES TRIM HASTINGS ON RAIN-SOAKED TRACK

Sweep in Shot, Pole Vault, and Javelin Assures Victory in Night Meet

The Kansas Aggie track team defeated Hastings college, Hastings, Neb., in a dual track meet on the latter's track last Friday night. The score was 77 2-3 to 58 1-3. Heavy rains which had soaked the track and field made unusual performances impossible, although several races, notably the dashes and the half mile, were noteworthy in view of conditions.

The next Aggie dual meet will be with Haskell institute at Manhattan next Friday. It will be an entertainment feature of the annual state high school track, tennis, and golf meet.

The Hastings meet summary:

100 yard dash—Won by Elwell, K-Aggies; second, Mercer, Hastings; third, R. Kemp, Hastings. Time 10.2 seconds.
220 yard dash—Won by F. Kemp, Hastings; second, Elwell, K-Aggies; third, R. Kemp, Hastings. Time 22.7 seconds.
440 yard dash—Won by F. Kemp, Hastings; second, Kopf, K-Aggies; third, Al Bivins, Hastings. Time 52.2 seconds.
880 yard run—Won by Miller, K-Aggies; second, Moore, Hastings; third, Hamil, Hastings. Time 2 minutes 2 seconds.
1 mile run—Won by Hamil, Hastings; second, Miller, K-Aggies; third, Dutton, K-Aggies. Time 4 minutes 36 seconds.
Two mile run—Won by Ballinger, Hastings; second, Toadvine, K-Aggies; third, Reeves, Hastings. Time 10 minutes 17.4 seconds.

120 yard high hurdles—Won by Lindell, Hastings; second, Eyre, Hastings; third, Wiggins, K-Aggies. Time 16.1 seconds.
220 yard low hurdles—Won by Hinckley, K-Aggies; second, Eyre, Hastings; third, Brown, Hastings. Time 25.4 seconds.
Half mile relay—Won by Aggies—Coleman, Bliss, Hinckley, Elwell. Time 1 minute 32.6 seconds.
1 mile relay—Won by Hastings—Ad Bivins, Palmblade, Lindell, Kemp. Time 3 minutes 32 seconds.
Shot—Won by Cronkite, K-Aggies; second, Lindell, Hastings; third, Torkelson, K-Aggies. Distance 43 feet 1 inch.
Discus throw—Won by Lindell, Hastings; second, Williams, K-Aggies; third, Torkelson, K-Aggies. Distance 132 feet 2 1/4 inches.
Javelin throw—Won by Livingston, K-Aggies; second, Williams, K-Aggies; third, Cronkite, K-Aggies. Distance 177 feet 5 1/2 inches.
Pole vault—Won by Jordan, K-Aggies; second, Carter, K-Aggies; third, Livingston, K-Aggies; and Harbaugh, K-Aggies, all tied for second. Height 11 feet 6 inches.
High jump—Williams, K-Aggies; Walker, K-Aggies; and Ehrlich, K-Aggies, all tied for first. Height 5 feet 10 inches.
Broad jump—Won by Bliss, K-Aggies; second, Elwell, K-Aggies; third, Ad Bivins, Hastings. Distance 22 feet 4 inches.

At the inter-fraternity sing sponsored by Phi Mu Alpha Thursday night Pi Beta Phi received the silver loving cup for first place among sororities and Lambda Chi Alpha first among fraternities. The contest number for Pi Beta Phi was "Speed Thee My Arrow."

The girls singing in the winning chorus were Laura Hart, Vera Smith, Marguerite Chaffin, Margaret Rankin, Miriam Clammer, Ruth Strickland, Agnes McClaren, Helen Randall, Gertrude Wooster, Marjorie Stevenson, Mildred Kingsbury, and Helen Mangelsdorf. Their feature number was "Ring Ching Ching," sung by the group.

Lambda Chi Alpha's contest number was "Lambda Chi Honey Moon." The group consisted of Jay Kimball, Blaine Coolbaugh, Marion Heter, Lawrence Kirkman, Glenn Hayes, Jerry Powell, Ernest Green, Mildred Luffel, Mary Louise Thuraw as-

New Student Council Members



Above are the seven K. S. A. C. students who were elected recently to membership on the executive council of the student governing association. They are (1) W. G. Nicholson, Neal, treasurer. (2) Sam E. Alsop, Wakefield. (3) Adolph Hrabka, East St. Louis, Ill. (4) James Yeager, Bazaar, retiring president. (5) James Bonfield, Elmo, president. (6) Juanita Walker, Valley Falls, secretary. (7) Frank Condell, Eldorado, vice-president.

KANSAS TRACK TITLES TO BE DECIDED HERE

CREAM OF HIGH SCHOOL ATHLETES COMING SATURDAY

State Golf and Tennis Championship Meets Also on Program for This Week End—Total of 350 Competitors Expected

The cream of Kansas high school track and field athletes, who were "skimmed" in nine regional meets held last Saturday, will compete for state individual and team honors in Memorial stadium here next Saturday. Preliminaries in the state meet will be held in the morning and finals that afternoon. Student activity books will be honored for admission.

In addition to the track meet, which is expected to draw about 250 athletes, the state high school tennis and golf championships will be held. These meets will start Friday afternoon, the golfers using the course of the Manhattan Country club. About a hundred athletes are expected to take part in golf and tennis.

Elwyn Dees of Lorraine is expected to be the most sensational performer, as he has been breaking the national interscholastic shotput record with almost monotonous regularity in recent weeks. Many others of unusual ability are to attend the meet, however, and from the ranks of these may come the best performers of the day.

Wyandotte high school and Wichita east appear to have the best balanced track teams of the state, but with points badly split by the keen competition almost any school with an individual star has an opportunity to win the team championship.

PI PHIS AND LAMBDA CHI FIRST IN FRATERNITY SING

First Annual Contest Held Thursday in Auditorium

At the inter-fraternity sing sponsored by Phi Mu Alpha Thursday night Pi Beta Phi received the silver loving cup for first place among sororities and Lambda Chi Alpha first among fraternities. The contest number for Pi Beta Phi was "Speed Thee My Arrow."

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Lambda Chi Alpha's contest number was "Lambda Chi Honey Moon." The group consisted of Jay Kimball, Blaine Coolbaugh, Marion Heter, Lawrence Kirkman, Glenn Hayes, Jerry Powell, Ernest Green, Mildred Luffel, Mary Louise Thuraw as-

sisted the group in the feature number, "Hearts Win."

Delta Delta Delta and Pi Kappa Alpha received honorable mention.

This is the first year that an inter-fraternity sing has been held at K. S. A. C. The program was broadcast from the auditorium over station KSAC. The contest was judged by Lyle Downey, Velma Talmadge, and Richard Jesson, all of the music faculty.

The six fraternities entered in the contest were Lambda Chi Alpha, Pi Kappa Alpha, Phi Sigma Kappa, Sigma Phi Epsilon, Alpha Gamma Rho, Alpha Sigma Psi, and Kappa Sigma. The sororities entering were: Pi Beta Phi, Delta Delta Delta, Kappa Delta, Phi Omega Pi, Beta Phi Alpha, and Alpha Xi Delta.

CLUB CAMPS PROVE TO BE POPULAR 4-H EVENT

State Leader Anticipates Attendance of Near 2,000 During Coming Summer

Nearly 2,000 Kansas 4-H club members from 32 counties will attend summer camps in various counties this summer, in the opinion of M. H. Coe, state club leader. The camps will begin the first week in July and extend to the middle of August. They will consist of a three day program carried on by the 4-H club members and their leaders. Features on the program will include handicraft, music appreciation, recreation, candle lighting services, and leadership activities. Members of the state club department will help with the daily work.

Summer camps are designed to promote fellowship and discipline among 4-H members, enlarge their viewpoint, stimulate cooperation, give definite instruction, and aid in character building, according to Mr. Coe. A phenomenal growth has taken place in the camp movement. Six years ago the first summer camp known as Camp Steele was held in Washington county. Last year, 28 counties participated in 19 camps, and a total of 1,182 4-H club members attended. This year another big increase in camps and number present is expected.

Dr. G. C. Gray Speaks

"Education and Life" was the subject of a chapel address by Dr. G. C. Gray, of Westminster Congregational church, Kansas City, Mo., last Friday morning.

1930 Baseball Schedule

Apr. 5—St. Mary's 1, Aggies 3.
Apr. 11—Oklahoma 6, Aggies 6.
Apr. 12—Oklahoma 4, Aggies 1.
Apr. 21—St. Mary's 0, Aggies 1.
Apr. 25—K. U. 1, Aggies 10.
May 5—Kirkville, Mo., Teachers 1, Aggies 6.
May 9—Missouri 1, Aggies 16.
May 10—Missouri 9, Aggies 10.
May 16-17—Iowa State at Ames.
May 20-21—Oklahoma at Manhattan.
May 23-24—Nebraska at Manhattan.
May 27-28—K. U. at Lawrence.

DISEASE PREVENTION CHEAPER THAN CURE

LEKER TREATS PLANT ILLNESS LIKE HUMAN AILMENTS

Seed Treatments, Sterilization, Rotation, and General Sanitation Will Avoid Most Common Garden Epidemics, Pathologist Says

In plant diseases as in human diseases, prevention is less expensive and more effective than cures, according to E. H. Leker, plant pathologist of the extension service, K. S. A. C. To combat diseases successfully, one must know their origin.

If the disease is carried over in the soil, change your garden to a clean piece of soil or place the various crops in a different part of the garden than they have been grown in before, Leker suggests. For a small box or hotbed the soil may be sterilized.

If the disease is carried over inside the seed (as in bean blight and bean anthracnose), obtain disease free seed. In this case seed secured from the northwestern part of the United States is usually free from disease. If disease is carried over on the outside of the seed, one should secure disease free seed or practice seed treatment. Other suggestions by Leker are as follows:

Practice sanitation in your garden by burning all disease carrying vegetable matter.

Control insect life. Many diseases are carried in the bodies of insects. Insects also sting and bite plants, thus making ideal places for disease to gain entrance.

Spray your plants at the first indication of disease. Do not wait until the disease infection spreads all over your garden.

SCOTT LAUDS TOWN PROPAGANDA EDITORS

They Dare Not Tell Simple Truth, but Report News Objectively—to Propagate Principles

Those who think a newspaper can be published entirely without propaganda have another guess coming, according to Angelo Scott of the Iola Daily Register, who addressed members of the Kansas Editorial association at their meeting in Manhattan last Saturday.

To understand Mr. Scott's theory, however, it is necessary to know what he means by propaganda. "Propaganda is essential," he asserted. "We cannot write news exclusively for the purpose of disseminating information, we must write it with the additional purpose of propagating a doctrine or a set of principles." Mr. Scott had illustrated his idea by reading a few news stories as the reporter would have written them had he told the simple truth.

The town's propaganda editor is on the side of the angels, the Iola editor concluded. He is always engaged in helping things along that need help, in making people feel good, in promoting the projects that deserve to succeed and in making the pathway of life a smoother and a brighter one to follow.

Evans, McCollum Will Coach

Robert McCollum, Eldorado, a senior in physical education and an honor student, will coach and teach physical education next year at Paola high school, according to recent announcement. Marion Evans, Gove, also a senior in physical education, will have a similar position at Iola high school. McCollum is earning his third letter as a member of the college baseball team. Evans has won three letters in football and is playing his third year on the baseball team.

Many Here Mother's Day

Many parents visited Manhattan on Mother's day last Sunday. Special dinners and programs were given at fraternity and sorority houses, Van Zile hall, and many rooming houses.

Big Six Scores

Missouri 4-0, Iowa State 3-6.
Kansas U. 8-6, Oklahoma U. 7-9.
K-Aggies 16-1, Missouri 1-9.
Nebraska 3-12, Iowa State 5-8.
Nebraska 16, Kansas U. 2.
GAMES THIS WEEK
May 13-14—Missouri vs. Nebraska at Lincoln.
May 16-17—Missouri vs. Kansas U. at Lawrence.
May 16-17—K-Aggies vs. Iowa State at Ames.
May 20-21—Oklahoma U. vs. K-Aggies at Manhattan.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, May 21, 1930

Number 31

FIRST OF FIELD DAYS SCHEDULED ON FRIDAY

AGRONOMY PLATS ARE IN IDEAL CONDITION

**Tours to College Farm Furnish Visitors
Opportunity to See Comparison Be-
tween Rotation Methods, Seedbed
Preparations, and Varieties**

A field day for farmers from south central Kansas will be held at the college agronomy farm May 23. It will be the first of a series of field days that will replace the one day given to that purpose early in June each year for the last five years. The tour of the farm will begin at 2 o'clock on the first day and at 1 o'clock on other field days.

Through cooperation of the dairy husbandry and the poultry husbandry departments, visitors will be directed through one or both in the mornings. Those who wish may hold picnic dinners at the agronomy farm where facilities are afforded for the same. Prof. R. I. Throckmorton, head of the agronomy department, reports that differences in varieties and seedbed treatment plats show much more marked results this year than usual. Some of the most outstanding results are shown in varieties of alfalfa, soil fertilization, seedbed work, and wheat varieties.

SEE MANY EXPERIMENTS

"The agronomy farm furnishes an opportunity for conducting experiments under field conditions," Professor Throckmorton said. "Approximately 100 acres are sown in 1,500 plats to different varieties and treated in different ways. In the cereal nurseries, which supplement the work of the agronomy farm, there are about 4,000 varieties and strains of small grain and corn from all parts of the world and selections from all the important varieties of the state.

"The field experiments involve different rotations, fertilizers, preparation of ground, time and methods of cultivation, time and methods of seeding, methods of harvesting, and numerous tests of varieties and strains of all the important farm crops grown in the state."

Dates of field days for the different counties follow:

THE FIELD DAY SCHEDULE

May 23—south central Kansas, including Ellsworth, Barton, Rice, McPherson, Stafford, Reno, Harvey, Pratt, Kingman, Sedgwick, Barber, Harper, and Sumner counties.

May 28—Saline and Dickinson counties.

June 3—Clay, Riley, and Pottawatomie counties.

June 9—Geary, Morris, and Wabaunsee counties.

June 10—north central Kansas, including Smith, Jewell, Republic, Washington, Marshall, Nemaha, Mitchell, Cloud, Lincoln, and Ottawa counties.

June 11—southeastern Kansas, including Shawnee, Douglas, Johnson, Osage, Franklin, Miami, Coffey, Anderson, Linn, Woodson, Allen, Bourbon, Wilson, Neosho, Crawford, Montgomery, Labette, and Cherokee counties.

June 12—Marion, Chase, Lyon, Butler, Greenwood, Elk, and Chautauqua counties.

June 13—northeast Kansas, including Brown, Doniphan, Jackson, Atchison, Jefferson, Leavenworth, and Wyandotte counties.

Farm Family Spends \$1,562

Household accounts kept by 40 Kansas farm families last year show their cost of living, including all expenses, averaged \$1,562.50, according to Alpha Latzke, household management specialist in the extension service, Kansas State Agricultural college. This average is \$35 less than that found for 2,886 families in 11 states studied in a survey made four years ago. The Kansas families averaged \$33 per person for clothes and \$37.32 for recreation.

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Apr. 25—K. U. 1, Aggies 10.
May 5—Kirksville, Mo., Teachers 1, Aggies 6.
May 9—Missouri 1, Aggies 16.
May 10—Missouri 9, Aggies 10.
May 16—Iowa State 1, Aggies 7.
May 17—Iowa State 1, Aggies 16.
May 20—Oklahoma at Manhattan.
May 23—Nebraska at Manhattan.
May 27—K. U. at Lawrence.

Commencement Visitors

The alumni office in Anderson hall is headquarters for returning alumni at commencement time. Register at the alumni office at once after you arrive on the campus.

Members of the reunion classes will find some local member of their class in Anderson hall.

CONCERT ON PROGRAM DURING SENIOR WEEK

**Kathryn Meisle, of Chicago Civic Opera
Company, Brought to College for
Complimentary Entertainment**

As members of the graduating class of the Kansas State Agricultural college look forward to next week's commencement events they see scheduled a function never before included in the K. S. A. C. commencement week program. It is a complimentary concert featuring Kathryn Meisle, contralto, with Roy Underwood, pianist.

The contralto will be brought to the campus at college expense and no admission will be charged for the concert. Though seniors are special guests for the occasion, all Manhattan and out of town visitors are invited, according to Kenney Ford, alumni secretary, who urges seniors to attend and to bring friends and relatives with them. Tickets may be reserved through the alumni office.

American newspaper critics have been generous in their praise of Miss Meisle, a member of the Chicago Civic Opera company. She is acclaimed by leading critics as "one of the world's great contraltos." Her voice is of that quality known as a natural contralto. It is a voice of power, rich and full in tone, of remarkable flexibility which she uses with unerring judgment and fine control. Miss Meisle is a thorough musician, possessing extensive artistry, a charm of personality, and sincerity of manner that are distinctly her own.

Aside from her success on the operatic stage, Miss Meisle has equally established herself in the concert field as a great recital artist, her tours extending from coast to coast.

Tunnick to Montana

Dr. E. A. Tunnick, '21, has resigned his position as chief veterinarian at the Texas experiment station in Sonora, Tex., to accept one as research veterinarian with the Montana livestock sanitary board at Bozeman. His work will consist largely of special research on sheep diseases.

COMMENCEMENT WEEK

Class Reunions

'80	'05
'85	'10
'90	'15
'95	'20
'00	'25

SUNDAY, MAY 25

8:00 p. m. Baccalaureate services, college auditorium. Sermon by Dr. Albert W. Palmer, president, the Chicago Theological seminary.

MONDAY, MAY 26

Class Day Exercises

7:30 a. m. Breakfast for senior women by Mortar board, Thompson hall.

TUESDAY, MAY 27

3:00 to 5:00 p. m. Alumni-Senior reception, president's residence.

8:15 p. m. Commencement concert in compliment to the senior class, college auditorium. Kathryn Meisle, contralto, Roy Underwood, pianist.

WEDNESDAY, MAY 28

Alumni Day

2:00 p. m. Alumni business meeting, recreation center.

6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

THURSDAY, MAY 29

Commencement Exercises

9:30 a. m. Academic procession.

10:00 a. m. Graduation exercises, college auditorium. Address by Dr. Alfred Horatio Upham, president, Miami university.

KANSAS WILL CHOOSE STATE WHEAT QUEEN

ANNOUNCEMENT AT HUTCHINSON FESTIVAL AUGUST 13

**Girls Ranking High in Scholarship,
Personality, and Leadership Com-
pete in County Contests Before
Statewide Meeting**

Public recognition by the state that grows the best wheat in the world, together with a college scholarship, awaits the Kansas girl who proves her ability to best represent the commonwealth in a wheat queen contest to be held in Hutchinson next August 13. A gala one day state wheat festival will be the culminating event of the wheat train's tour this summer and the chief event of that day will be the choosing and announcing of a Kansas wheat queen for 1930. Plans for the selection of the state queen have been announced by a committee in charge, of which E. G. Kelly, representing the Kansas State Agricultural college, is chairman.

SEVEN MUST COMPETE

Including the counties of Republic, Clay, Dickinson, Harvey, Sedgwick, and Sumner and on west to the Colorado line, every county in the wheat belt is entitled to send a representative to compete for state honors. Mr. Kelly explained. Plans for selecting county representatives are in the hands of county agricultural agents or the secretary of the chamber of commerce in counties having no county agents. Both county and state wheat queens will be selected on a basis of personality, scholarship, and leadership.

To be eligible to enter the queen contest each county must have seven girls compete in the local contest. This group of girls must present themselves before judges at the wheat festival train stop in their county. In case a county is not visited by the train, the county representatives must be judged at a train stop designated by the state committee. The wheat queen contest will be a feature of the Santa Fe and Rock Island wheat festival trains that will tour the wheat belt of Kansas July 21 to August 13.

THE 1930 SCHEDULE

The train tour stops follow:
July 21—Newton, Sedgwick, Clearwater; July 22—Wellington, Harper, Medicine Lodge; July 23—Ashland, Coldwater, Kingman; July 24—Sylvia, St. John, Kinsley; July 25—Elkhart, Hugoton, Sublette; July 26

—Johnson City, Ulysses, Dodge City. July 28—Cimarron, Garden City, Syracuse; July 29—Scott City, Dighton, Ness City; July 30—Jetmore, Larned, Great Bend; July 31—Ellinwood, Lyons, McPherson; August 1—Concordia, Minneapolis, Abilene; August 2—Osborne, Lincoln Center, Salina.

August 6—Kanorado, Goodland, Colby; August 7—Selden, Norton, Phillipsburg; August 8—Kensington, Smith Center, Mankato; August 9—Belleville, Clyde, Clay Center; August 11—Liberal, Meade, Minneola, Bucklin; August 12—Greensburg, Pratt, Hutchinson; and August 13—Hutchinson.

COLLEGE PLANS SCHOOL OF RURAL LEADERSHIP

**Invites Ministers and Other Commu-
nity Workers to Attend 10-Day
Session, June 10-20**

A large number of ministers and other rural leaders are expected to be in attendance at the school of community leadership which is to be conducted at the Kansas State Agricultural college from June 10 to 20, according to Prof. Harold Howe, a member of the committee in charge.

The program has been arranged especially for the benefit of pastors of town and country churches. It is not religious in character but is intended to help ministers of all denominations to solve social and economic problems of their rural communities. Sessions of the school are to be held in the morning with afternoons left free for recreation, tours, and to allow various denominations represented to have their own group meetings.

The daily morning program will consist of four periods of instruction. During the first period beginning at 8:15 and extending until 9 o'clock, members of the extension division of the college will give a series of lectures on factors entering into rural community activities. Included in this series will be talks on the farm home, the farm boy and girl, and farm finances. From 9 until 10 o'clock there will be a series of lectures by faculty members of the division of agriculture on timely and popular agricultural subjects.

Each morning at 10 o'clock a talk will be given on some phase of rural sociology. The fourth period, beginning at 11 o'clock, will be devoted to a discussion of some special problems in rural life. Included in this series will be talks on landscaping, rural architecture, and rural church music.

RURAL ELECTRIFICATION PROGRESSES IN KANSAS

FARM CONSUMERS INCREASE 32 PER CENT IN YEAR

**Professor Fenton Makes Report to
Committee on Uses of Electric
Power by State's Agriculture—
Brighter Years Are Ahead**

Electrification of Kansas farms advanced more rapidly in Kansas last year than in any previous year, members of the Kansas committee on the relation of electricity to agriculture were told last week by Prof. F. C. Fenton, K. S. A. C., secretary-treasurer of the committee. The committee met at the college.

"The number of rural consumers of electric power increased 31 per cent during 1929," Professor Fenton reported. "One company with more than 600 rural customers had a 48 per cent increase. Probably the most important cause is the active group of rural service men with the different companies who are working under a settled policy of rural line extension. All of the companies except those in western Kansas are actively promoting the extension of rural lines. Aiding them is the increasing amount of encouragement given by state and national committees."

Experimental work, under way in many institutions, is showing the farmer what machines and equipment may be powered by electricity with profit, the K. S. A. C. head said. Nor is it to be overlooked that farmers are keenly desirous of labor saving features and the conveniences of them.

By way of comparison between Kansas and other states, Fenton pointed to Wisconsin where 16 per cent of 52,414 farms out of 153,000 are electrified. There the number is increasing 30 per cent each year. In Kansas, fewer than 5,000 of the 160,000 farms are electrified, or only 3.1 per cent, but the signs, Fenton declared, point to greater progress in the years immediately ahead.

Other officers of the Kansas committee on the relation of electricity to agriculture, re-elected at last week's meeting, are F. D. Farrell, K. S. A. C. president, chairman; Ralph Snyder, state farm bureau head, vice-chairman.

NICHOLSON NEW HEAD FOR AG ASSOCIATION

**Ackerman to Manage Ag Fair—Stewart
Will Manage Barnwarmer—Lam-
bertson Magazine Editor**

Officers of the agricultural association, an organization of students in the division of agriculture, were chosen recently as follows: W. G. Nicholson, Neal, president; K. B. Dusenbury, Anthony, vice-president; E. H. Regnier, Spearville, secretary; E. S. Schultz, Miller, treasurer. F. G. Ackerman, Lincoln, was chosen manager of the 1931 Ag fair; W. M. Myers, Bancroft, assistant manager; B. R. Taylor, Alma, treasurer; and C. V. Nauheim, Hoyt, 4-H club representative.

The Ag barnwarmer, annual dance of the association, will be in charge of Leonard Stewart, Vermillion; with W. L. McMullen, Oberlin, assistant; and G. S. Brookover, Eureka, treasurer.

Alonzo Lambertson, Fairview, was chosen editor of the Agricultural Student, magazine of the association, and Carl Williams, Dodge City, business manager.

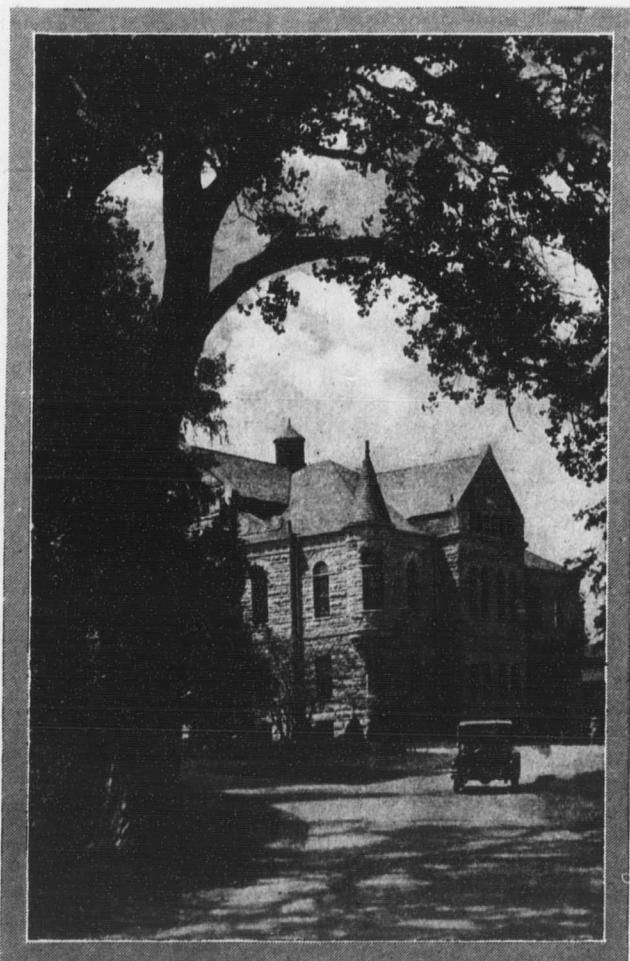
Big Six Scores

(Games in the conference)
Kansas Aggies 7-16, Iowa State 1-1.
Nebraska 9-2, Missouri 3-1.
Missouri 3, Kansas U. 5.
Second M. U.-K. U. game postponed, rain.

GAMES THIS WEEK

May 20-21—Oklahoma vs. K-Aggies at Manhattan; Missouri vs. Kansas U. at Columbia.
May 22—Oklahoma vs. Iowa State at Ames.
May 23—Oklahoma vs. Iowa State at Ames; K-Aggies vs. Nebraska at Manhattan.
May 24—K-Aggies vs. Nebraska at Manhattan.

Education Hall



In this slightly unusual view of an old campus building, "Education" is framed by the foliage of a big campus tree.

THE KANSAS INDUSTRIALIST

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Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT.....Editor-in-Chief
C. E. ROGERS.....Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY.....Assoc. Editors
KENNEY L. FORD.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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Make checks and drafts payable to the K. S. A. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, MAY 21, 1930

A MAY DAY

A May day is an expectant mother. Tranquil, a little sad, it hardly dares contemplate tomorrow, for today the fates of tomorrow are shaping themselves.

Today there is fullness of hope—and yet a premonition of sorrow. The secret of tomorrow is locked within. Is it cowardice not to want today to end?

A May day is the day before some great event—one knows not what. A hush of waiting pervades. One is glad that the clock ticks on of itself. It would be rash to have a part in the time's onward march. But the ticking of the clock is exciting. It is bringing one unwittingly to some new adventure.

A May day whispers a promise. Or does it whisper a menace?

BOOKS

Romance in Tidewater

Tidewater Virginia. By Paul Wiltach. The Bobbs-Merrill Company. Indianapolis. 1929. \$5.

The region extending fanwise from Washington, D. C., to the Atlantic ocean probably has contributed more than any other section of comparable size in the United States to the development of some of the most distinctive American ideals and institutions. This region, known as Tidewater, was the home of the Washingtons, the Lees, the Byrds, the Harrisons, the Tylers, and scores of other families that have been illustrious in the building of the nation. This book is an informal story of the rather romantic history of the region.

For almost 300 years the cultural development of the region was conditioned by the mild climate, the facility of water transportation, the original productivity of the soil, and the strong and distinctive character of the dominant families among the early settlers. The culture was strictly rural. There were no towns of considerable size. There were virtually no roads. The houses faced the water. The plantations were large and each had its own wharf. The society was essentially aristocratic, with an unconquerable determination to be self governing. Its spirit was romantic in contrast with the puritanical spirit of early New England. The Virginians were gay and adventurous and vigorously self reliant and self sufficient.

After presenting a by-no-means-dry summary of the early struggles of the colonists following the settlement of Jamestown in 1607, the author describes briefly and interestingly county by county and river by river, the three centuries of history of the people, the society and politics, the industries and the houses. The descriptions are artistic, somewhat glamourised with the romance usually associated with Virginia and pleasantly enlivened by excellent illustrations.

Tidewater was a land of hospitality, of large families, of strong and generous men, and of charming, womanly women. Of the latter the author says, "Without losing their penchant for pleasures they knew how to be serious and to face the more formidable demands of life with character. They were the mothers of

those generations of Virginia statesmen and soldiers who led in directing the course of revolt against England, in framing the constitution, and in establishing the young republic."

Like the members of most landed aristocracies, the early Virginians were intelligent patrons of the arts and of sports. Their houses contained libraries of excellent books. They built the first theatre in America and were enthusiastic patrons of the plays of Shakespeare and of Beaumont and Fletcher. Their architecture was excellent. They bred fine horses and used them in racing and fox hunting. They lived rich, vigorous, joyous lives; the kind of lives that make people fight enthusiastically to defend their homeland.

The Virginians always have been fighters in the defense of worthy causes. It is interesting and perhaps significant that Virginia was one of the principal battlegrounds of our Civil war, which was brought to an end in Tidewater, and that the American revolution ended with the surrender of Cornwallis at Yorktown, a Tidewater village only 12 miles from Jamestown where the first English settlement was founded about 175 years earlier. —F. D. Farrell.

A DOG'S RIGHTS

The state of Missouri devoted an entire chapter of the Revised Statutes of 1919 to "Dogs." It solemnly assures us that a "dog (Section 4,353) shall be held and construed to mean all animals of the canine species, whether male or female." From that simple pronouncement there evolves a widening circle of state and municipal legislation that weaves about every canine who after nine days of darkness opens his eyes upon the sturdy mountains and verdant rolling plains of our great state.

The license protects your dog in his right to be just what he is, your dog. If you were to refuse to pay taxes upon your house, the state might sell it; if you refused to pay tax upon your income to the state or federal government, you might be fined or imprisoned. So with your dog. It means only that you have paid the state its tribute for ownership of property and earned the right to the companionship of man's noblest friend. As for the dog, it is nothing more than a constitutional occupational tax; his simple occupation is to be a dog.

His right to be away from home, legally, lies in whether he is muzzled or on leash in accordance with municipal regulation. He must be kept by you at all times where a striking fancy or passing whim would not permit him to do harm to others. This is not harsh, and yet the mandate is final and unyielding. Remember, the same sovereignty that cries out its warning to your dog in another moment thrusts a millionaire behind the bars.

Thus a license merely is the state's approval of your right to hold property. The city must tell you how to tie him up and hedge him in.

Some comfort there should be. As witness:

"When all other friends desert, he remains. When riches take wing and reputation falls to pieces, he is as constant in his love as the sun in its journey through the heavens."

Senator Vest said that. I repeat it. You and everyone will grant it. A license is his only due. Give it to him and be content." —Assistant Attorney General Holland of Missouri, as quoted in the New York Times.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

William D. Davis, '04, was senior electrical engineer with the interstate commerce commission at Kansas City.

Lois Burton, Fayne Bondurant, Ruth Taylor, Florence Mitchell, and Mary Kirkpatrick, all of the class of '19, spent commencement week visiting here.

Homer Cross, '19, was a graduate student apprentice in the electric railway engineering department of the Westinghouse Electric and Manufacturing company.

Three hundred fifty graduates were served at a banquet held in the college mess hall. Speakers included Major-General Frank W. Coe, Major-General Eli A. Helmick, E. L. Barrier, of the board of administration, Leo Magrath, president of the gradu-

ating class, Harry L. Kent, Dr. C. W. McCampbell, and E. E. Freeman.

TWENTY YEARS AGO

Dan Walters, '09, was superintending the erection of a \$40,000 school building at Garden City.

Prof. B. F. Eyer's classes in power transmission did some practical experimenting in measuring electric currents at the Rocky Ford power station.

Henry W. Brinkman, '07, wrote from Emporia that since being located there he had furnished plans

from cholera. The pigs were also to be used by the farm department in a feeding experiment.

The last lecture of the demonstration class was given by Amanda Culp. At the banquet which followed toasts were given by the Misses Pritner, Stoner, Agnew, Mather, Zimmerman, Pfuetze, Culp, and G. G. McDowell.

FORTY YEARS AGO

Agnes E. Elliot, f. s. 1887, was visiting friends at the college.

F. C. Sears, junior in 1888-89, came to see his class graduate, hop-

To the Class of 1930

*So Time brings all things forward, one by one,
And Reason lifts them to the shores of Light.
Seneca*

The sixty-seven years that have passed since the Kansas State Agricultural college sent its first small graduating class out into the world have been the most eventful in the entire history of civilization.

The age of electricity and motors, of telephone and radio, of airplanes and submarines, of a thousand advances in methods of transportation and business, came after 1864.

The doctrine of organic evolution, of revolutionary discoveries in chemistry, physics, astronomy, mechanical appliances, and agricultural science have all come into being since the establishment of this college.

But marvelous as has been the progress in every field of knowledge and endeavor, there never has been a time more auspicious for young men and women to devote their talents to speeding and advancing the new progress. Much has been accomplished, but the ground has barely been broken. Infinite horizons are beckoning.

This college is about to send out another group of men and women who have been shown the paths they must travel, if they are to help in the common cause of advancement.

"The effects of learning are its real tests, the real tests alike of its validity and efficacy," said Woodrow Wilson, by which he meant that a college course should not represent tasks performed so much as outlooks enlarged and power gained.

If a college succeeds in breathing into its students a love for good literature, regard for good principles, together with appreciation of the value of intellectual discipline, along with an outline of methods in fields open for technical endeavor, it has done its work well. The body of bare facts mastered will not long linger in the memory and would soon be obsolete if it did.

Seneca, the wise stoic, had a flash of inspiration 1900 years ago when he wrote the words quoted at the head of this greeting. Could there be a more apt and accurate prophecy? One by one the beliefs of the past have been brought forward and lifted to the shores of light by reason, and in the pitiless glare of that light they have perished. This process is being continued in the modern spirit of inquiry and progress by college graduates everywhere, and is part of the duty resting on those who will soon leave this institution.

There are always moments of sadness for those about to leave college not to return. Associations of comradeship and that esprit de corps which makes college life in this country are among the most valuable byproducts of our system of higher education. Ties are formed that are painful to break, but their value endures through the years that follow graduation.

THE KANSAS INDUSTRIALIST extends its best and most sincere wishes for the success of every member of the class of 1930, and will do its best, as it has in the past, to remain a friendly link between the past and the future.

and specifications for 13 new church buildings.

Volume II of the Royal Purple was received and distributed. It was described as a "beautiful velvet bound volume of 300 octavo pages, well printed and well gotten up. Its illustrations are original, appropriate, and artistic and its text subjects are well selected and interestingly presented."

The faculty-alumni banquet was given in the women's gymnasium, and was presided over by President Waters who officiated as toastmaster. Other speakers were Dr. J. D. Walters, Prof. Willis L. Moore, I. D. Graham, L. C. Criner, '92, F. A. Dawley, '95, and Edwin Taylor, a member of the board of regents.

THIRTY YEARS AGO

Albert Fankhouser, dairy student 1900, had recently moved from Great Bend to Haviland, where he was caring for a herd of cows.

The veterinary department was purchasing a lot of pigs for further tests in the production of immunity

ing to be one of the class of '91.

W. H. Olin, '89, was chosen to address the graduates of Eldorado high school.

The sixth division of the junior class gave orations to students, faculty, and visitors. The speakers were S. N. Chaffee, E. C. Thayer, Lotta Short, S. Van Blarcom, and R. D. Whaley.

The address before the literary society was included in the program for commencement week. The lecture was delivered by B. J. Radford, of Eureka, Ill., on the subject, "The Aim and End of Culture."

FIFTY YEARS AGO

Ten acres of Golden millet and an acre of Southern cowpeas were sown on the college farm.

Those participating in a debate of the Webster society were R. A. Hollenberg, N. A. Richardson, F. H. Hulse, and D. S. Leach. The question was: "Resolved, That the Indians of the United States should be under the control of the war department."

LUCK

Lewis J. Bates

O, once in each man's life, at least,
Good luck knocks at his door;
And wit to seize the fitting guest
Need never hunger more.
But while the loitering idler waits
Good luck beside his fire,
The bold heart storms at fortune's gates
And conquers its desire.

SUNFLOWERS

H. W. D.

COMMENCEMENT

Ye old time commencement orator, you will remember, worked valiantly during the latter part of May and the early weeks in June shoving men and women over the Alps into Italy, where now, alas, lies Mussolini. A graduation exercise in high school or college those days meant much to the unsuspecting world—believed you him.

Of late, however, he has changed the burden of his song. He talks of lesser things, he predicts no momentous changes in the course of civilization once the class of empty-umph of dear old Siwash gets loose and under way, and he intimates that education is really a continuous, more or less uncontrollable process terminating at the grave.

For all of this the public, which has been particularly faithful to commencements and commencement speakers, seems very, very thankful—almost too thankful.

High school and college graduates are much more numerous than they used to be. And having become a widely distributed commodity, they have ceased to attract even what you might call passing attention. They have failed to keep themselves rare, like comets, and it is hard for them to make the front page.

Now something whispers that there is not a little danger in all of this. If the public ceases to look upon graduates as possible saviors, the graduates themselves may get to looking upon themselves as amounting to almost nothing, both individually and collectively.

And that would be bad. For it is not in the scheme of things that people, young people in particular, expect more of themselves than the public expects of them.

Perhaps it will help to figure things this way for a while. Although a graduating class, college or high school, may not always look the part, it represents a considerable investment. It's a rather costly annual exhibit—come to think of it. Twelve years of training in one case and sixteen in the other—for all of which John Public pays good, hard cash.

Of course the graduating class is not all that high schools and colleges are turning back to the commonwealth, but in the main it is the big thing. Educational systems are supposed to produce people with tendencies wholesome to society and abilities profitable to society.

Now, for commencement speakers to allow the public to become indifferent, unconcerned, or cynical about the return it is getting on its investment in education is bad. If John Public knows his psychology, he will go back to expecting big things from graduates. He will encourage them in the illusion that the world is waiting to be taken upon their shoulders and carried on to bigger and better things.

Maybe the old time commencement can never come back, but its spirit can. Italy still lies just over the Alps, and the stars may be reached through endeavor. Who knows?

FEW ARE DISHONEST

The interesting discovery is made by Justin H. Edgerton, president of the National Retail Credit association, that about 99 in every 100 persons in the United States are to be trusted. Less than four-tenths of 1 per cent is lost by granting credit on properly investigated charge accounts he says. As this association has 60 million credit records in its files and serves 200,000 merchant members, its good opinion counts.

—From Capper's Magazine.

The world is wearied of statesmen whom democracy has degraded into politicians. —Disraeli.

AMONG THE ALUMNI

Harriet G. Henson, '27, will teach in the high school at Keats next year.

Dr. G. T. Bronson, '24, is specializing in small animal veterinary practice with the Perry Veterinary hospital in Wichita.

E. G. Downie, '29, who is employed by the General Electric company, has been shifted from Schenectady, N. Y., to Fort Wayne, Ind.

Kenneth Cook, '28, is now division commercial manager's assistant for the American Telephone and Telegraph company at Detroit, Mich.

J. C. Cunningham, '05, professor of horticulture at Iowa State college, Ames, will leave the first week in June for a three months' trip through the horticulture schools of Europe.

Claude V. Winterscheid, '26, is employed as switchboard operator by the Utah Power and Light company. His headquarters are at Alexander, Ida.

Donald F. Coburn, f. s. '26, son of Clay E. Coburn, '91, and Mrs. Coburn of Kansas City, will be graduated in June from the Washington university medical school, St. Louis, Mo., and will interne in the Montreal General hospital, Montreal, Canada. He was recently elected to membership in Alpha Omega Alpha, honorary medical fraternity.

Captain Riley E. McGarraugh, '17, of the coast artillery corps, United States army, accompanied by Hazel (Keil) McGarraugh, '28, made a brief stop in Manhattan recently on the way from Fort Monroe, Va., to San Francisco, Calif. Captain and Mrs. McGarraugh will sail for the Philippine islands in September. He will be stationed at Fort Mills, Corrigidor.

Captain G. W. FitzGerald, '16, for several years in charge of the veterinary unit, R. O. T. C., at K. S. A. C., and since that time at the Army Medical school, has now been appointed for duty in the office of the surgeon general, Washington, D. C. Captain FitzGerald was awarded the Hoskins Memorial medal for scholarship for the 1930 class graduated from the Army Medical school in Washington, D. C.

MARRIAGES

KIMBALL—TOMSON

Mr. and Mrs. C. A. Kimball, of Manhattan, announce the marriage of their daughter, Mary Marcene, '28, to Harold B. Tomson, f. s., of Wakarusa. The wedding took place May 11 in Manhattan. Mr. and Mrs. Tomson will make their home in Kansas City, Mo.

BOEHM—TUCKER

Mr. and Mrs. O. H. Boehm of Springfield, Mo., announce the marriage of their daughter, Gladys, M. S. '29, to Lowell R. Tucker May 17 at Manhattan. Mrs. Tucker is instructor in food economics and nutrition at K. S. A. C. and Mr. Tucker is an instructor in the department of horticulture. They will be at home after June 15 in Manhattan.

BIRTHS

Norine (Weddle) Maupin, '21, and Rex A. Maupin, '22, of Chicago, are the parents of a daughter, Ardeth Norine, born May 9.

Frank H. Shirck, '23 and '25, and Mildred (Emrick) Shirck, '24, of Toppenish, Wash., announce the birth of a son, Wayne Howard, March 25.

Doctor Nabours Reads Paper

Dr. R. K. Nabours, head of the department of zoology, who is carrying on research at the Carnegie institution, Long Island, N. Y., during a year's leave of absence from the college, presented a paper entitled "Hybrid Emergence" at the eighteenth annual meeting of the Eugenics Research association held Saturday, May 17, in New York City. Doctor Nabours' paper was one of seven presented at the meeting.

Doctor Nabours recently attended a meeting of the National Academy of Sciences in Washington, D. C., where he submitted an abstract of the work he has been doing while at the Carnegie institution.

An Aid to Math Teachers

A small easily made mechanism to stimulate interest on the part of the geometry student is described and illustrated in the April, 1930, bulletin of the Kansas Association of Mathematics Teachers, by W. C. Janes, assistant professor of mathematics at K. S. A. C. Miss Ina E. Holroyd, instructor in mathematics, is editor of the bulletin.

SUCCESSFUL GARDENER STUDIES PLANT NEEDS

E. B. Wells Suggests Tips On Application of Fertilizers for Various Vegetables and Flowers

The gardener who would produce vegetables of quality by continuous and rapid growth should supply fertilizer suited to the kinds of vegetable he is growing, according to E. B. Wells, soils and crops specialist, extension division, K. S. A. C. Well rotted manure answers for most purposes but if that is not available, commercial fertilizer will supply the plant food needed in a readily available form.

For such vegetables as radishes, lettuce, asparagus, onions, and celery where one wishes to produce rapid growth of leaves and stalk rather than fruit and seeds, a soluble form of nitrogen is best. A little nitrate of soda or ammonium sulphate will hasten growth. Care must be used to keep such materials away from the foliage of the plants unless an abundance of water is supplied at once.

For vegetables which grow more slowly, such as beets, carrots, peas, and beans, a good fertilizer consists of from 3 to 5 per cent nitrogen, 6 to 8 per cent phosphoric acid, and 4 to 6 per cent potash. This fertilizer can be used at the rate of four to six pounds per square rod. Applications of water help to make this fertilizer more readily available, though it will not harm plants if worked into the soil fairly close to the stems.

For flowers, Professor Wells suggests well rotted manure as best for all kinds except such as sweet peas or those coming from bulbs. For such, steamed bone meal should be used at the rate of five to six pounds per square rod or more if the amount is applied at two or three different times about two or three weeks apart.

STATION PRINTS BULLETIN ABOUT TRIBUNE BRANCH

T. B. Stinson and H. H. Laude Are Authors of Western Kansas Booklet

A new Kansas agricultural experiment station bulletin, No. 250, is devoted to the work that has been done at the Tribune branch station since 1911. The 36 page booklet places emphasis upon experimental work covering the last few years. It discusses briefly the agriculture of the region, the climatic conditions, the general plan of work on the farm, a general discussion of crops adapted to the region, methods and value of summer fallow, and the use of manure.

Some attention is devoted in the report to cultivation of sorghums, corn, winter wheat, spring small grains, Sudan grass, legumes, and potatoes, giving in each case information about and results of experiments on the Tribune farm. Ornamental plantings in that section of the state and the home garden are mentioned briefly. The present superintendent of the station, T. B. Stinson, and Prof. H. H. Laude of the department of agronomy, K. S. A. C., are authors of the bulletin.

The Tribune station is the smallest branch of the central station at Manhattan. It consists of approximately 110 acres and was donated to the state by George L. Reid, of Tribune, in 1911.

Kansas Aggie Beauty Queens



These are the six Kansas Aggie beauty queens selected from a field of 33 by members of the Phi Gamma Delta fraternity at Oregon State college. Winners in the contest were announced today in connection with the distribution of the 1930 Royal Purple. The girls selected are: (1) Maxine Stanley, Concordia, freshman in home economics, Delta Delta Delta; (2) Roberta Oursler, Circleville, sophomore in industrial journalism, Alpha Theta Chi; (3) Ruth Smith, Winfield, junior in home economics, Kappa Delta; (4) Ruth O'Donovan, Topeka, freshman in home economics, Chi Omega; (5) Cora Stout, Russell, freshman in home economics, Delta Delta Delta; (6) Edith Bockenstette, Sabetha, freshman in commerce, Pi Beta Phi.

Milton Allison is editor of the yearbook and J. R. Coleman, manager.

Walker Golf Champion

Walker of Columbus won the state high school individual golf title, with a card of 149 for the 36 holes. The first day the winner made the 18 holes in 69, but took an 80 the second day because of the bad weather. No scores were announced for the team matches in golf as awarding of a state title will be held up until the state high school athletic association meets. A protest was made that the pair having the lowest score did not comply with training rules of the association.

DALTON WINS TENNIS TITLE—DOUBLES TROPHY TO WINFIELD

High School Tennis Finals Are Played Indoors

Jesse Dalton of Independence successfully defended his Kansas high school singles tennis championship in the state meet here last Friday and Saturday. Dalton won his final match Saturday from C. B. Dodge of Salina 8-6, 6-1. Both singles and doubles finals were played indoors on the Nichols gymnasium court because of rain and cold weather.

Robert Myers and William Davis of Winfield won the doubles championship from Alvin Sheldon and Max Thompson of Eldorado, defending champions, 6-2, 3-6, 6-3.

WILDCAT TRACK SQUAD TO CONFERENCE MEET

Haylett Plans to Take 15 to Lincoln for Big Six Championships

A squad of 15 men will make the trip to Lincoln Thursday to compete in the Big Six outdoor track and field meet Friday and Saturday. Coach Ward Haylett has entered almost his entire squad but will take only about a third of the total number of entrants. Nebraska is hoped to take the team title.

Aggie entrants are:

100 yard dash—H. A. Elwell, H. W. Hinckley, Major Bliss.

220 yard dash—Elwell, E. L. Coleman, C. E. Nutter, Hinckley.

440 yard dash—C. M. Kopf, Marion Morgan, Coleman, Nutter, H. R. Williams, E. L. Andrick.

880 yard run—H. S. Miller, Morgan, E. C. Black, P. W. Dutton.

1 mile run—Miller, Dutton, E. G. Skeen.

Two mile run—O. L. Toadvine, Miller, W. E. Steps, J. R. Carter.

120 yard high hurdles—George Wiggins, A. D. Fornelli, Andrick.

220 yard low hurdles—Hinckley, Andrick, Morgan, Fornelli.

Broad jump—Bliss, Elwell, Hinckley.

Shot put—H. O. Cronkite, J. E. Torkelson, Williams, F. L. Schooley.

Javelin throw—Eugene Livingston, C. D. Richardson, Williams, Cronkite, J. E. Smith, Wiggins.

1 mile relay—Elwell, Coleman, Morgan, Kopf, Andrick, Miller.

High jump—Milton Ehrlich, O. H. Walker, Williams.

Physical Ed Picnic

The women's physical education department will give a picnic for women majoring in that work at the Rotary cabin, Wildcat creek, May 28. Following a baseball game between the freshman-juniors and sophomore-seniors the alumnae and faculty will play the winners.

RECENT HAPPENINGS ON THE HILL

A circulating library will be sponsored by Y. W. C. A. this summer.

Students are taking school work seriously this week. Final examinations.

Sophomore and senior women were winners in the inter-class baseball games played last week.

Week-end rains and cold weather continue to upset plans for boating parties, spring hikes, and picnics. Parties in recreation center are substituted.

Twelve hundred dollars will be used to change all in-swinging doors in some of the older buildings to swing out. The change conforms to state fire regulations.

Forms will be removed from around the letter "S" on Prospect hill and the letter will be white-washed so that it will match the same color as the "K."

Dr. Fred A. Shannon of the history department is writing a textbook on "American Industrial History." In 1928 Doctor Shannon won the Pulitzer prize for the best work of the year in the field of history.

The state board of education has passed a regulation which requires supervised practice teaching for a state certificate. Dean E. L. Holton of the department of education announced last week that no one would be able to obtain a certificate after this year without practice teaching in high school or junior high school.

SYRIAN IS PROMINENT KANSAS AGGIE SENIOR

Lack of Knowledge of American Customs No Bar to Popularity of Baha El (Bob) Bakri

A Syrian student at K. S. A. C. has demonstrated that one's nationality and his lack of knowledge of American customs need not necessarily handicap him in American schools. This student is Baha El Bakri, a senior in agriculture who is so popular with fellow classmates he is president of the Cosmopolitan club and manager of intramural athletics for the Aggie Knights, better known as Black Shirts.

Since Bakri's name is a bit hard to manage his friends have dubbed him "Bob" which certainly isn't as full of meaning as his real name is, for Baha El translated into English means "glory religion," and so with an American nickname Bakri has become Americanized in many other ways. For instance, he drives a coupe. The coupe contributes to the general impression Bakri is genuinely collegiate for always there are several other college youths hanging on the running boards, out the windows, or on the "turtle-back," and not infrequently there are coeds in the coupe, too. While Bakri believes in having a good time he also has a mind for serious things.

He comes from a family ranged high in the Syrian caste system. His home is Damascus where his father is a land owner and a member of the Syrian parliament. Five years ago a revolution broke out in his native land and since his family was among the leaders it was forced to leave the country.

The revolution has blown over and his family is back in Damascus now.

Young Bakri's travels began at the time of their exile. He spent two years in Egypt attending the American university at Cairo. He then jumped to the University of Paris where he studied six months and this was followed by a short period in the school of Manchester in England. Then Bakri decided he would be an engineer so he came to America and entered the Massachusetts Institute of Technology. He still wasn't satisfied with his educational experiences and when a friend told him he could get a first class course in agriculture in Kansas he came to the agricultural college here.

Even in several terms in college at K. S. A. C. the wanderlust has not been curbed entirely in Bakri, for he has taken summer work in horticulture at the University of California.

CLIP AND MAIL TO ALUMNI OFFICE AT ONCE

ALUMNI-SENIOR BANQUET RESERVATIONS

I will attend alumni day activities Wednesday, May 28.

Reserve.....tickets to the alumni-senior banquet, 6 o'clock, Wednesday evening.

(Tickets are \$1.50 each. Reservations will be held until 2 o'clock Wednesday afternoon.)

Signed

Address

WICHITA HIGH, EAST TAKES TRACK HONORS

STATE CHAMPIONS REPEAT IN
TWENTIETH ANNUAL MEET

Two Records Broken Despite Cold and
Rain—Delbert White of Pleasanton
High Point Man—Mile
Run Is Feature

East high school of Wichita maintained its supremacy in Kansas high school track in the state meet held in Memorial stadium last Saturday, scoring 20 points to 14 1-2 for Arkansas City, which took second. Delbert White, Pleasanton, a husky Negro athlete, scored 13 points and took third place for his school single-handed. Wyandotte high of Kansas City was fourth with 11 points. Wichita took only one first, but picked up seconds, thirds, and fourths for the remaining points.

Topeka and Elkhart scored 10 points each, and Jetmore, Pittsburg, and Wichita North, six. Other points were scattered.

DRIZZLE BECOMES DOWNPOUR

A light shower which fell at the start of the meet grew heavier as it progressed, though there were frequent intermissions. The last races were run in a downpour and the track was half submerged.

Two state records were broken in the meet. In the preliminaries Saturday morning, White, the individual high point man, threw the discus 134 feet 9 7-8 inches, breaking the record set by Merkle of Meade last year.

Easily the most brilliant track performance of the day was that of Glenn Cunningham, Elkhart, who ran the mile in 4 minutes 28.4 seconds to break the record set by Harold Manning, Sedgwick, in 1927. Manning's record was 4 minutes 30.5 seconds. Bell of Pittsburg led Cunningham most of the way and was a stride behind at the finish with Landon, Topeka, third.

DEES TAKES SHOT

Elwyn Dees of Lorraine, holder of the national interscholastic shot record, won the event easily but did not approach either the state or national record because of the cold weather. His best toss was 55 feet 8 1-2 inches, made in the preliminaries.

Addition of several class B relays to the meet made the entry list much larger than in the past.

E. A. Thomas, secretary of the state high school athletic association, was starter for the meet. Frank Root of K. S. A. C. was head judge of the finish, and Frank Meyers, K. S. A. C., was clerk of the course.

The class A mile relay, run through the rain at the last, found Eldorado, champions of last year, repeating with a new team.

The summary:

120 yard high hurdles—Won by Wilhelm, Arkansas City; second, Witt, Norton; third, Weaver, Concordia; fourth, Stoner, Sabetha. Time 16 seconds flat.

100 yard dash—Won by Sutter, Wichita East; second, Harvey, Minneapolis; third, Kepner, Wichita East; fourth, Reynolds, Mulvane. Time 10.3 seconds.

Mile run—Won by Glenn Cunningham, Elkhart; second, Bell, Pittsburg; third, Landon, Topeka; fourth, Hards, Salina. Time 4 minutes 28.4 seconds. (New state record. Breaks old record of 4 minutes 30.5 seconds set by Manning of Sedgwick in 1927.)

Shot put—Won by Elwyn Dees, Lorraine, distance 55 feet 8 1-2 inches; second, Russell, Pittsburg, distance 51 feet 1-2 inch; third, Lockert, Wichita North, distance 48 feet 2 inches; fourth, Volok, Lucas, distance 47 feet 11 1-2 inches.

Half mile relay, class A—Won by Topeka (Johnson, Brockway, Booth, Sawyer); second, Wichita East; third, Arkansas City; fourth, Hutchinson. Time 1 minute 35.1 seconds.

Half mile relay, class B—Won by Elk City (Milton, Cox, T. Watts, O. Watts); second, Turon; third, Miltonvale; fourth, Little River. Time 1 minute 36.5 seconds.

Discus throw—Won by D. White, Pleasanton, distance 134 feet 9 7-8 inches; second, Davis, Wichita East, 132 feet 7 1-2 inches; third, Lockert, Wichita North, 122 feet 9 3-4 inches; fourth, Kimball, Clay Center, 121 feet 8 inches. (New state record. Old record of 134 feet 7 1-4 inches set by Merkle of Meade in 1929.)

Javelin throw—Won by Geiger, Wyandotte, distance 159 feet 4 inches; second, Brown, Wichita East, 153 feet 11 inches; third, Volok, Lucas, 153 feet; fourth, Smith, Highland Park, 149 feet.

Pole vault—For first and second between White, Ellsworth, and Decker, Lawrence, at 11 feet. Tingley, Arkansas City; Landers, Arkansas City; R. Brooks, Hutchinson; and Hoff, Preston, all tied for third and fourth at 10 feet 10 inches.

Broad jump—Won by D. White of Pleasanton, distance 21 feet 2 1-2 inches; second, Hoff, Preston, 21 feet 2 1-4 inches; third, Hegner, Wichita East, 20 feet 11 inches; fourth, Buchner, Arkansas City, 20 feet 10 1-2 inches.

220 yard low hurdles—Won by Ruger, Smith Center; second, Wilhelm, Arkansas City; third, Palmer, Arkansas City; fourth, Allison, Wyandotte. Time 26 seconds flat.

440 yard dash—Won by Erwin, Fairview; second, Rhodes, Jetmore; third,

Witte, Norton; fourth, Lockert, Wichita North. Time 52 seconds flat. 880 yard run—Won by Brown, Viola; second, Bumwalt, Wyandotte; third, Phelps, Manhattan; fourth, Miller, Argentine. Time 2 minutes 2 seconds.

High jump—Won by Stambach, Osborne, height 5 feet 10 inches; second, White, Pleasanton, 5 feet 9 inches; third, Roehman, Delavan, 5 feet 8 inches; fourth, tie between Mansfield, Wamego, and B. Smith, Hutchinson, 5 feet 7 inches.

Medley relay, class B—Won by Elkhart (Coleman, Mills, Cunningham, Coffield); second, Jetmore; third, Fellsburg; fourth, Turon. Time 3 minutes 37.4 seconds.

Medley relay, class A—Won by Columbus (Butten, Saporito, Hosier, Dodson); second, Topeka; third, Wichita East; fourth, Wichita North. Time 3 minutes 37.5 seconds.

220 yard dash—Won by Vogel, Ness City; second, Schroeder, Bendena; third, Reynolds, Mulvane; fourth, Harvey, Minneapolis. Time 22.6 seconds.

Mile relay, class A—Won by Eldorado (Moss, Gladfelter, Powden, Tarrant); second, Independence; third, Wyandotte; fourth, Hutchinson. Time 3 minutes 42.8 seconds.

Mile relay, class B—Won by Arnold (H. Smith, Farr, C. Smith, Huxman); second, Oskaloosa; third, Argonia; fourth, Macksville. Time 3 minutes 46.8 seconds.

TRACK TEAM WINS DUAL FROM HASKELL INDIANS

Skippergosh High Point Man With
First in Dashes and Tie
in Half

A grand slam in the high hurdles and javelin throw and a little slam in the high jump and pole vault gave the Kansas Aggie track team victory in a dual meet with Haskell institute here last Friday. The score was 73 2-3 to 57 1-3.

Skippergosh of the Indians was high point man with first in the 100 and 220 yard dashes, a tie for first in the half mile, and a place as anchor man on the winning relay team. Captain H. S. Miller of the Aggies took first in the mile and tied for first in a fast half mile. Wilson (Buster) Charles, Haskell decathlon star, took first in the broad jump, third in the discus and shot, and tied for third in the high jump. He was handicapped by a recent illness.

The summary:

100 yard dash—Won by Skippergosh, Haskell; second, Elwell, Aggies; third, Washee, Haskell. Time 10 seconds flat. 220 yard dash—Won by Skippergosh, Haskell; second, Elwell, Aggies; third, tie between Washee, Haskell, and Hinkley, Aggies. Time 21.9 seconds.

120 yard high hurdles—Won by Forneil, Aggies; second, Wiggins, Aggies; third, Andrick, Aggies. Time 16.8 seconds.

220 yard low hurdles—Won by Hinkley, Aggies; second, Andrick, Aggies; third, Holmes, Haskell. Time 24.7 seconds.

440 yard dash—Won by Jim, Haskell; second, Holmes, Haskell; third, Kopf, Aggies. Time 50.4 seconds.

Half mile run—Tie for first between Miller, Aggies, and Skippergosh, Haskell; third, Chingman, Haskell. Time 2 minutes flat.

Mile run—Won by Miller, Aggies; second, Gallagher, Haskell; third, Duton, Aggies. Time 4 minutes 36.5 seconds.

Two mile run—Won by Cooley, Haskell; second, Steps, Aggies; third, Cain, Haskell. Time 10 minutes 14.8 seconds.

Discus throw—Won by Smith, Haskell; second, Cronkite, Aggies; third, Charles, Haskell. Distance 121 feet 2 inches.

Shot put—Won by Cronkite, Aggies; second, Smith, Haskell; third, Charles, Haskell. Distance 43 feet 3-4 inches. Javelin throw—Won by Livingston, Aggies; second, Richardson, Aggies; third, Williams, Aggies. Distance 175 feet 8 inches.

Broad jump—Won by Charles, Haskell; second, Bliss, Aggies; third, Thomas, Haskell. Distance 22 feet 8 3-4 inches.

High jump—Won by Ehrlich, Aggies; second, Walker, Aggies; third, tie between Williams, Aggies, and Charles, Haskell. Height 6 feet 1-8 inch.

Pole vault—Won by Jordon, Aggies; second, tie between Livingston and Carter, Aggies, and Brighton, Haskell. Height 12 feet.

Mile relay—Won by Haskell (Jim, Daybird, Gage, Skippergosh). Time 3 minutes 31.6 seconds.

NATIONAL SCHOLASTIC SOCIETY HAS ANNUAL CHAPEL, BANQUET

Phi Kappa Phi Gives Recognition to
New Members

The annual Phi Kappa Phi recognition day assembly was held last Friday morning with Prof. Robert M. Davis of the University of Kansas law school as the speaker.

The annual banquet of the fraternity was held Friday night at Thompson hall with Prof. L. E. Conrad as toastmaster.

Talks were made by Kenneth Benne, who discussed "Scholarship—Original Costs," Margaret Greep, who talked of "Scholarship—the Upkeep" and Prof. H. W. Davis, who had the topic "Scholarship—Is There a Law of Diminishing Returns?" Prof. R. M. Davis extended greetings from the university.

Royal Purple Out

The 1930 Royal Purple, college yearbook, will be distributed today, according to Milton Allison of Great Bend, editor, and J. R. Coleman, Wichita, business manager.

College Diplomas May Thrill Seniors But They're 'Old Stuff' to E. T. Keith

To most persons college commencements become annual events of only little more than passing interest, but to Prof. E. T. Keith, of the department of industrial journalism, a K. S. A. C. commencement season means a lot of painstaking work, piled up high on an already busy schedule.

Keith comes by his special interest in graduation through an unusual ability at hand lettering. Names of those who earn degrees must be lettered in on the sheepskins, as well as dated, and in many cases the kind of degree being granted. It is Keith's task to do the lettering. The spring commencement at K. S. A. C. means preparation of 400 or more degrees, that at the close of summer school brings on another 100 or so, and other special occasions when certificates of award are given run Keith's total for the year to around 650 at least.

The task is one that requires ex-

treme care because a single slip of the pen or mistake in spelling not only ruins an expensive certificate but may spoil one just as the last letter is being done.

But the K. S. A. C. journalism professor, whose hobby is fine printing and anything else mechanical, has become quite proficient after having lettered by hand the college certificates for the last 10 years. In all, he probably has put more than 100,000 letters and figures on diplomas and certificates. He is so expert at the art that frequently when the college print shop is "shy" a letter or two in some odd font, Keith instructs the job to be printed with a blank space and he later puts in the missing letter by hand. It takes an experienced eye to detect the handmade letter, too.

Keith's twin brother, Dr. E. B. Keith of the department of chemistry, also is an expert at lettering and does the diplomas for the local high school.

Horseless Hayrack

The horse has been forced from another stronghold. When the Klot and Kernel club, an organization of agronomy students, held its annual hayrack ride recently a tractor was used as motive power.

CONOVER COMMENTS ON STUDENT READING

K. S. A. C. Professor Quoted On Habits
of Kansas and Missouri
Students

An article concerning the reading habits of college students, prepared in part on the basis of material obtained in Columbia, Mo., Lawrence, and Manhattan, appeared on the book page of the Kansas City Star for May 17. Among those quoted in the article are W. E. Elwang, manager of the Missouri Book Store company, Columbia, Mo.; Miss Helen Rhoda Hoopes, of the department of English, University of Kansas; Prof. R. W. Conover, department of English, K. S. A. C., and Charles M. Baker, director of libraries at Kansas university.

Concerning Professor Conover the article says in part: R. W. Conover, of the English department of Kansas State Agricultural college at Manhattan, has been studying the reading tastes of his students for several years. The results are interesting. This semester, for example, he asked students in two of his elective courses what books they have been reading voluntarily. The fiction list included such widely diverse titles as Tolstoy's "Anna Karenina" and Joan Lowell's "The Cradle of the Deep;" Cather's "Death Comes for the Archbishop" and Van Dine's "The Bishop Murder Case;" Howe's "The Story of a Country Town" and Smith's "Pollyanna's Western Adventure."

Included in the nonfiction titles were Lippmann's "A Preface to Morals" and Halliburton's "Royal Road to Romance;" Browne's "This Believing World" and Cullen's "Autobiography;" Menninger's "The Human Mind" and Martin's "Expectant Fathers."

Among the poets read, Edna St. Vincent Millay was the most popular. The unconventional Samuel Hofenstein tied for second honors with Sara Teasdale and Carl Sandburg. And Emily Dickinson, Vachel Lindsay, Edwin Arlington Robinson, Robert Frost, Edgar Lee Masters, and Edgar Guest also were read.

A. A. U. W. Branch Formed

Phillipsburg women recently organized a branch of the American Association of University Women. After organizing the local chapter, the northwest Kansas branch of the A. A. U. W., with members from five counties—Phillips, Rooks, Norton, Smith, and Osborne, with a director for each county—was organized.

Out of the 10 original national members necessary for the organization of a branch at Phillipsburg, five of that number are Aggies: Bonnie Wilkins, '99; Erma Locke, '01; Mame (Alexander) Boyd, '02, Ruth (Correll) Townsend, '28; and Esther Dizmang, '28.

TO FIGHT DANDELION, KEEP LAWN GROWING

Good Stand of Thrifty Grass Best Preventative of Yellow Peril
of the Lawn

The most satisfactory method of keeping a lawn free from the obnoxious dandelion is to maintain a thick stand of blue grass, according to L. R. Quinlan, landscape architect at the Kansas State Agricultural college. The statement is made on the theory that an ounce of prevention is worth a pound of cure. The flying dandelion seed has difficulty in getting a foothold in a thick growth of grass. However, where the grass is thin and weakened from lack of plant food the dandelion may get started easily.

In a badly infested lawn where the stand of grass is thin the best remedy is to plow up the lawn, maintain a summer fallow, and resow bluegrass in August. Professor Quinlan advises. If the lawn is lightly infested with dandelions, they may be controlled by spraying with 1 1/2 pounds of iron sulphate in 1 gallon of water. Four pounds will be sufficient for 100 square feet. The spray should be applied at intervals of two weeks. Three to five sprays are needed to produce results.

In college experimental work, liquid fertilizer such as sodium nitrate, has been added to the iron sulphate to promote the growth of the grass while injuring its enemy. Only pumps with brass fittings should be used with the iron sulphate and caution should be used to keep the spray away from walks, foundations, and other objects where rusty stains will be objectionable.

INTRAMURAL CUP TO SIGMA NU LAMBDA CHI ALPHA IS SECOND

Aggie Knights Win Baseball Title
from Sig Eps

The intramural sweepstakes cup for scoring the most points in all forms of athletics has been won this year by the Sigma Nu fraternity. Lambda Chi Alpha, winners of the cup last year, is in second place but too far behind to catch up in the remaining events. Sigma Nu also won the college soccer and soft ball baseball championship, and the Pan-Hellenic basketball title.

The Aggie Knights, formerly the Black Shirts, won the college baseball championship from Sigma Phi Epsilon 3 to 2 in a game played Monday night. Sigma Phi Epsilon previously had won the Pan-Hellenic title.

COLLEGIAN HEADS SELECTED FOR NEXT SUMMER AND FALL

Taylor and Dickens New Editor and
Manager

Election of Harold Taylor, Clay Center, as fall semester editor of the Kansas State Collegian, was announced today by Prof. C. E. Rogers, head of the department of industrial journalism and chairman of the Collegian board. Richard Dickens, Manhattan, was chosen as business manager.

Helen Hemphill, also of Clay Center, was elected editor of the newspaper for the summer school session; and Harry Dole, Almena, business manager, both holding over from the present semester.

TWO WINS OVER AMES PUT AGGIES IN LEAD

SCORE FIRST DAY 7 TO 1, SECOND
DAY 16 TO 1

Wildcats Get Seven Hits Off Gustafson,
Iowa State Strikeout King—Three
Home Runs Feature Heavy
Saturday Barrage

BIG SIX STANDINGS

	W.	L.	T.	Pct.
K-Aggies	5	1	1	.833
Oklahoma	6	2	1	.750
Nebraska	4	4	1	.500
Iowa State	4	6	0	.400
Missouri	4	7	0	.364
Kansas U.	2	5	0	.286

Two victories over Iowa State college, 7 to 1 and 16 to 1, last Friday and Saturday gave the Kansas Aggies undisputed possession of first place in the Big Six baseball race as they prepared to withstand the Oklahoma-Nebraska invasion this week. Games this week were with the Sooners Tuesday and Wednesday, and with the Huskers Friday and Saturday.

In the first game at Ames the Aggies fell on the offerings of Gustafson, Iowa State strikeout king, for 11 safe hits, though the Ames pitcher lived up to his reputation by striking out nine. He also walked several.

AUKER PITCHES WELL

Eldon Auker, who held St. Mary's college to one hit in his last appearance on the mound, allowed Ames only five hits. The lone Ames run was scored chiefly on an error. Nash, Peterson, Forsberg, and Nigro were all credited with two-base hits in the first game.

The box score:

KANSAS AGGIES					
	AB	R	H	E	
Forsberg, 1b	4	1	2	0	
Peterson, rf	5	0	2	1	
Evans, 2b	5	0	1	0	
Nash, 3b	4	1	2	0	
Nigro, cf	4	2	1	0	
Prentup, ss	4	1	1	0	
McCollum, lf	4	2	1	0	
Meissinger, c	5	0	1	0	
Auker, p	4	0	0	0	
Totals	38	7	11	1	

IOWA STATE					
	AB	R	H	E	
Towne, 2b	3	0	0	0	
Oldham, rf	3	0	1	0	
Huntbach, ss	4	0	1	1	
Hawk, 3b	4	0	1	0	
Heitman, 1b	4	0	1	0	
Adland, c	4	0	1	1	
Gustafson, p	3	0	0	0	
Wells, cf	3	0	1	1	
Wilcox, lf	4	1	0	0	
Totals	32	1	5	3	

	R	H	E
Kansas Aggies	000	203	011—7 11 1
Iowa State	100	000	000—1 5 0

Nine Iowa State errors and 18 Aggie hits told the story of the 16 to 1 victory on the second day. Meissinger got a home run with no one on in the second inning, and Captain Nash homered with none on in the eighth and ninth, on consecutive times at bat.

T. E. (Lefty) Doyle allowed seven Ames hits.

NASH HOMERS TWICE

The eighth and ninth innings were paradise for Aggie batters. In the eighth Nash was first up and hit a home run on the first ball pitched. Nigro tripled, Peterson walked, and McCollum tripled. In the ninth Forsberg tripled and Peterson sacrificed him home. Evans fled out, Nash hit a home run, Nigro singled, Prentup walked, and Fiser singled.

A running catch by Peterson in the second game cut off what seemed a sure Ames triple with one on, and the throw-in caught the runner off second. The Aggies stole six bases the first day and three the second.

The box score:

KANSAS AGGIES					
	AB	R	H	E	
Forsberg, 1b	6	2	3	0	
Peterson, rf	4	1	1	0	
Evans, 2b	5	0	1	0	
Nash, 3b	5	3	3	0	
Nigro, cf	4	5	3	0	
Prentup, ss	2	2	2	2	
McCollum, lf	5	1	3	0	
Fiser, lf	5	0	1	0	
Meissinger, c	5	2	1	0	
Doyle, p	4	0	0	0	
Totals	41	16	18	2	

IOWA STATE					
	AB	R	H	E	
Wells, cf	4	0	0	0	
Towne, 2b	3	0	1	1	
Hawk, 3b	4	0	2	5	
Huntbach, ss	4	0	0	0	
Oldham, rf	4	0	0	0	
Heitman, 1b	4	0	0	0	
Wilcox, lf	4	1	3	2	
Peterson, c	4	0	0	0	
Thrift, p	3	0	1	1	
Totals	34	1	7	9	

	R	H	E
Kansas Aggies	024	020	233—16 18 2
Iowa State	000	010	000—1 6 9

A man should be upright, not be kept upright. —Marcus Aurelius.

Sep 29 ✓

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, June 4, 1930

Number 32

TRUE MODERN SCHOLAR IS UPSTANDING LEADER

DR. A. H. UPHAM WOULD ERASE 'COMIC STRIP CONCEPTION'

Commencement Speaker Cites Hoover, Young, Millikan, Compton, and Lindbergh as True Types of Modern Gentleman and Scholar

A conception of the scholar as a virile, positive character, distinctly of the crowd but thoroughly capable of leading it, as contrasted with the movie and comic strip conception of an anaemic, shrinking weakling, was given by Dr. Alfred Horatio Upham, president of Miami university, Oxford, Ohio, to the senior class at the commencement exercises on May 29. Doctor Upham's subject was "Gentleman and Scholar."

Taking as his text the diary of Samuel Pepys for May 30, 1667, Doctor Upham discussed first the gentleman-scholar of Elizabethan England, and then the gentleman-scholar of today.

Of Elizabethan England he said, "There was great license and great extravagance, large vision as well as bitter cynicism. Great strides were being taken in learning, after the slowing up that came from later Puritanism, and science even then was threatening the strongholds of orthodox beliefs. But many of the scholars were gentlemen and many of the gentlemen were proud to be scholars."

GREAT LEADERS NOT 'HIGHBROWS'

"Today in a similar period of over-ripe civilization those who aspire to be men and women of affairs and occupy positions of eminence have been slow to recognize the appeal of scholarship. Too often we get our conception of scholars from movie screen or comic strip, and set up a picture of stooped and anaemic weaklings who are out of place in society and unable to make a living except as objects of charity."

"We forget that most of our great leaders in scholarship today are far from being 'highbrows' as we have called them. The Hoovers and Owen Youngs, the Millikans and Comptons, are really splendid examples of the gentleman-scholar, worthy of anybody's emulation."

After picturing the world of Elizabethan England, with its great stretches of unexplored territory challenging the gentleman adventurer, Doctor Upham said, "Nowadays the entire surface of the globe is mapped and charted, but the call to gentleman adventurers of daring and vision is as distinct as ever. Our 'terra incognita' is not geographic; it is in the ether above us and in the minds and hearts of men. We have speculated as to Lindbergh's 'We,' forgetting that there traveled with him in his flight across the seas a mighty company of unknown heroes. These were they who in closets and laboratories for years before his flight had pursued experiments that made possible the internal combustion engine—had mastered the secrets of air currents."

One of the first essentials of scholarship is intellectual curiosity, said Doctor Upham.

DON'T BE NONCHALANT!

"We all have it as children," he commented. "Somewhere along the way, in the very process of what we call getting educated, all too many of us lose it. We desire to appear sophisticated and sophistication implies disillusionment."

"Youth, at the age of natural enthusiasm, paying for an education and surrounded by the heaped up learning of the ages, foolishly stifles the very impulse that will make education possible. Nonchalance may be all very well for the indolent cake eater; it is not the stuff of which scholars are made."

"It is also essential that we be interested in ideas as well as things. The remarkably busy days of undergraduate life will no doubt be projected into your entire careers. Life also has many 'big activity men.'"

"Shakespeare has a character say,

"I am so full of business that I cannot answer thee acutely." There is the rub of it. Our gentleman scholars must needs be men of affairs, but they must also be men of acute answers. All the petty social machinery of Pepys' day has passed away and been forgotten. The art has lived and the ideas have matured and flowered.

"There is no scholarship without depth and accuracy of knowledge. Lindbergh's flight would have been a brilliant thing if his calculations had been wrong, but he would have met a watery grave."

SCHOLARSHIP FOR SERVICE

The spirit of service is the real spirit of scholarship, Doctor Upham said, in summing up.

"Many of our greatest investigators work not for personal profit but to add to human knowledge, to benefit mankind," he said. "Scholarship is a service calling, and he who must always watch the clock and fret over his pay check would better transfer at once to the bond business. Of course the laborer is worthy of his hire and for the real creative scholar the rewards are ample."

"Perhaps a better way to put it is to say that scholarship has in it something of art and the scholar is a sort of artist—the prophet-bard of a new day. Like all great artists, he must often be ahead of his time, be misunderstood, and made the object of ridicule."

"... These qualities represent a composite picture of the scholar as some of us conceive of him today. ... Against the college professor as he appears in moving pictures, suppose we set up the sculptor Rodin's conception of 'The Thinker.' That splendid full muscled figure represents one who has mingled and buffeted with the crowd and can do it again; but for a time he has drawn apart to meditate and philosophize upon his experiences. Exactly such is our all around man, the gentleman and scholar."

A brief address was made by Charles M. Harger, of Abilene, vice-chairman of the state board of regents, on behalf of the board.

AGGIES TIE FOR TITLE BY TRIMMING KANSAS U.

Baseball Team Shares Big Six Crown With Oklahoma—Meissinger New Captain

The Kansas Aggie baseball team tied for the championship of the Big Six conference by defeating Kansas university 8 to 2 and 8 to 3 in Lawrence May 27 and 28. Eldon Auker pitched the first game for the Aggies and T. E. Doyle the second. Both the Aggies and Oklahoma won 9, lost 3, and tied one. Auker, a sophomore, finished the season undefeated with four victories in the Big Six and one against St. Mary's. A. H. Freeman and T. E. Doyle, two of the other seniors, also had perfect pitching records during the season.

In a series against Nebraska university on May 23 and 24 the Aggies won the first game 3 to 1 and lost the second 9 to 5. Auker pitched the first game against Armatis of Nebraska and Barre the second against Sloan and Pickett. The score was tied in the second game at 5 to 5 when the ninth inning started. An Aggie error gave the Nebraskans a chance and they started hitting the ball and ran in four scores.

William Meissinger of Abilene was elected captain of the 1931 team at a squad meeting after the last game. Meissinger is a junior in agriculture and a two letter man in both basketball and football. He is a catcher.

Celebrate Anniversaries

W. C. Howard, '77, and Cassie J. (Moore) Howard, f. s. '77, of Los Angeles, Calif., write that they regret that it was not possible for them to return for commencement this year, and send greetings to the classes from '72 to '78. Mr. and Mrs. Howard celebrated their fifty-second wedding anniversary on May 1, and May 16 was Mr. Howard's seventy-eighth birthday.

'LIFE NEVER IS STALE TO THOSE WHO SERVE'

PALMER URGES SENIORS TO RELATE SELF WITH HUMANITY

Chicago Theological Seminary President Delivers Baccalaureate Sermon to 1930 Graduating Class on "The Art of Self Management"

"Life never grows old or stale or common-place for the man who links himself to some great fellowship of learning like a university, or to some great commonwealth of service like a church," said Albert W. Palmer, D. D., president of the Chicago Theological seminary, in delivering the baccalaureate sermon to the class of 1930 Sunday evening, May 25, in the



DR. ALBERT W. PALMER

college auditorium. Doctor Palmer's subject was "The Art of Self-Management."

"Greatest of all the ways in which a man may relate himself is by communion with God," Doctor Palmer said in conclusion. "When a man says in the depth of his soul, 'I come O God, to do thy will!' he has related himself to that which is greatest in all the universe. His life can no longer be trivial and meaningless. He has linked his life to the highest thing he knows."

Following two numbers played by the college orchestra, the audience sang the hymn, "Praise the Lord." The invocation was given by the Rev. J. David Arnold, Ph. B., pastor of the Christian church. The college quartette sang "Domine Jesu," by Verdi. The Doxology, "Old Hundred," followed the sermon.

"We live in an age of scientific management," commented Doctor Palmer in his opening remarks. "Just the other night I heard a business man tell of an application of better management to a commercial enterprise which resulted in a 300 per cent increase of output and a 400 per cent increase of profit."

"But in the end scientific management depends on self-management. As the Hebrew sage said long ago in the book of Proverbs: 'He that ruleth his spirit is better than he that taketh a city.' What then are the principles which underlie the art of managing one's self?"

FIRST KNOW THYSELF

"First of all, self knowledge. If you are going to control your mental machinery, you need to know something about it. In these days we are learning a great valuable thing about why we behave like human beings and how this mental machinery of ours operates."

"We recognize, for example, that we carry with us many blind and primitive urges and impulses by which we are akin to the tiger and the ape. Hunger, rage, sex, jealousy, vanity, revenge—these things are very primitive and universal. Fear is something to be reckoned with as a disturbing element. A wise man once said, 'The only man to be afraid of is the man who is himself afraid.' When fear becomes combined with crowd psychology you have the homicidal tendency of the mob to reckon

with. Rationalization, which means our tendency to think up false reasons for doing what we want to do, anyway, or justify ourselves to our own consciousness, is another universal weakness."

"To know these things is to guard against them. If one's foes are, in part, members of his own household, it is well to be forewarned. We can manage these cave-man tendencies if we are on guard against them."

"But, of course, there is another side. The unexplored depths of the mind contain not only holdovers from pre-human or barbarous ancestors, they contain also a marvelous treasure house of memory, and an emotional impulse toward all that is noble and beautiful. It is what Benjamin Kidd calls 'the emotion of the ideal.' We need to know our better as well as our lesser selves."

MUST ACCEPT LIFE

"From self knowledge we must pass on to self acceptance. Not in any conceited, self sufficient way, of course. Not like the little old lady in Boston who refused to travel, saying, 'Why should I travel? I'm here already!' What I mean is an acceptance in the sense of acquiescence with the conditions of our lives rather than rebellion against them. As if we said: 'After all, being what I am, with all the handicaps and limitations that I have, I'll not waste time envying other men, but I'll say: 'This is my stunt, and I'll roll up my sleeves and sail in!'"

"Because the alternative to acquiescence is escape! And to attempt to escape from life is always dangerous, as Jonah found when he tried to run away to Tarshish! The most obvious escape is by alcohol, which temporarily numbs the brain and throws the judgment out of gear. But there are other escape mechanisms—notably into the realm of fantasy, day dreaming, and illusion."

"If you are not determined to run away from life but to face it, the next step is this: Organize yourself. A tramp has been defined as a man who gained freedom but lost direction. Don't be a tramp. Know where you are going and go there."

SUPPRESS, DON'T REPRESS

"We hear a great deal of foolish talk about the necessity of self expression and the danger of repressed desires. If you are going to live a disciplined and examined life you can't follow every vagrant impulse—you must evaluate and choose. You choose, anyway—the important thing is to choose the best."

Doctor Palmer then pointed out the distinction between "repression" and "suppression" saying that a "repressed" desire is psychologically disastrous, but that one "suppressed" by carefully considering it and then casting it out as not worth while, is not dangerous.

"After organizing yourself and deciding where you want to go, what values you need put first, what goals you will seek—what next?" asked the speaker. "Relate thyself! You can do it on a relatively low level of back-slapping conviviality. Even that is better than being a recluse or a hermit. Humanity is social; a human life must lose itself in comradeship to find itself. Better still is it to relate yourself with your fellow man on the higher levels of great social reforms, great community service, great common ideals for the nation and the world."

Ehrlich Heads Track Men

Milton Ehrlich, Marion, was recently elected to the captaincy of the 1931 Kansas Aggie track team.

1930 Baseball Schedule

Apr. 5—St. Mary's 1, Aggies 3.
Apr. 11—Oklahoma 6, Aggies 6.
Apr. 12—Oklahoma 4, Aggies 1.
Apr. 21—St. Mary's 0, Aggies 1.
Apr. 25—K. U. 1, Aggies 10.
May 5—Kirkville, Mo., Teachers 1, Aggies 6.
May 9—Missouri 1, Aggies 16.
May 10—Missouri 9, Aggies 10.
May 16—Iowa State 1, Aggies 7.
May 17—Iowa State 1, Aggies 16.
May 20—Oklahoma 7, Aggies 9.
May 21—Oklahoma 9, Aggies 7.
May 23—Nebraska 3, Aggies 3.
May 24—Nebraska 9, Aggies 5.
May 27—Kansas U. 2, Aggies 8.
May 28—Kansas U. 3, Aggies 8.

SENIOR CLASS OF 365 WINS DIPLOMA AWARDS

THIRTY-FIVE GET MASTER'S DEGREES AT COMMENCEMENT

Ten Announced as Winners of High Honors and 28 Get Senior Honors—Four Professional Engineering Degrees Conferred

A senior class of 365 received bachelor of science degrees at the sixty-seventh annual commencement exercises May 29. This was slightly smaller than the class of 379 of last spring, but the 1930 summer school class is expected to be somewhat larger than the 82 of last year, which should make the total for the year about the same as the 461 of 1929.

A total of 479 degrees, certificates, and commissions were conferred at the exercises, as compared with 477 last spring. Ten seniors were recognized as winners of high honors and eight as winners of honors.

The degree of doctor of science was conferred on Edward O. Sisson, K. S. A. C. '86, University of Chicago '93, and Ph. D. Harvard '05. Doctor Sisson is professor of philosophy at Reed college, Portland, Ore. He is widely known as a teacher and educator, and is the author of four books on educational subjects.

HIGH HONORS TO 10

Thirty-five received the degree of master of science at the exercises; four were awarded the professional degree in engineering; 55 were commissioned in the officers' reserve corps as second lieutenants; and certificates were awarded to 14 for completion of the two year farmers' short course and to 5 for completion of the dairy manufacturing short course.

High honors were announced as follows: John Jay Curtis and Raymond William O'Hara, agriculture; Irwin Roy Stenzel, LeRoy Clay Paslay, and Gordon Curtis Nonken, engineering; Raymond Andrew Bell, Robert Herald McCollum, and Muriel Howard, general science; Gladys Ethel Meyer Benne and Florence Lavina Harold, home economics.

High honors are awarded to not more than 3 per cent of the senior class. Honors, awarded to an additional 7 per cent, were announced as follows:

Division of agriculture—Oliver Glen Lear, Fredrick Henry Schultis, Louis Powers Reitz, Francis James Raleigh.

Division of engineering—Russell Lynn Hartman, Jasper Leland Brubaker, Frank Milton Adair, George Ruben Vanderpool, George Elliott Richardson, Claborn Oakley Little, Charles Arthur Schubert, and Orval French.

Division of general science—William Howard Jobling, Rudolph Trechsel Greep, Frances Dow Sheldon, Gertrude Elizabeth Brookings, Charles Elias Morgan, Gladys Myrtle Schafer, William Joseph Schultis, and Inez Eva Snyder.

Division of home economics—Luise Loraine Lortscher, Margaret Hamilton Greep, Myrtle Evelyn Horne, Junieta Luella Harbes, Vivian Dial Abell, and Eva Maude Guthrie.

Division of veterinary medicine—Thomas Joy Leasure, Henry De Vore Smiley.

BACHELOR'S TO 365

Degrees and certificates were conferred on the following:

Bachelor of science in agriculture—Harrison Fisk Axtell, Dimmitt, Tex.; Howard Raley Bradley, Kidder, Mo.; Robert Fenton Brannan, Meade; Henry Alonzo Burt, Manhattan; David Anthony Carlson, Manhattan; Paul Raymond Chilen, Miltonvale; Laurence Larue Compton, Manhattan; Manfred Lester Cox, Goodrich; Francis Scott Coyle, Manhattan; Harold Samuel Crawford, Bonner, Springs; George Joseph Cunningham, Manhattan; Lemuel Joseph Cunningham, Manhattan; John Jay Curtis, Toronto; John William Decker, Holton; Robert Hugh Dodge, Manhattan; Clarence Mitchell Dunn, Oskaloosa; Neil Durham, Randall; Alfred Harlan Epperson, Manhattan; Charles Clifford Eustace, Wakefield; Kenneth Manning Gopen, Ulysses; Joseph Howard Greene, Beverly; Edwin Otto Habiger, Bushton; Kenneth Morgan Hall, Agra; Theodore Garrard Harris, El Paso, Tex.; Orville Elton Hays, Manhattan; Ray Mitchell Hoss, Potwin; William Harris Houston, Potwin; Glenn Charles Isaac, Baldwin City;

(Concluded on page 4)

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WEDNESDAY, JUNE 4, 1930

LINDBERGH'S PASSENGERS

Who rode with Lindbergh? Who were they to whom the modest pilot referred as "we" when the Ryan plane landed at Le Bourget field, completing its epochal flight. Dr. Alfred H. Upham raised the question in the college commencement address last week, and partly answered it with the title of his address—"Gentlemen and Scholars." This group of spirit passengers, perhaps the most notable ever assembled, was indeed an immortal association for the advancement of science and invention.

The first person to alight from the plane that day was an old man who presented a passport made out to Signor Leonardo Da Vinci, aged 475, a citizen of Florence, Italy, and listed as a military engineer. He has been suspected of dabbling in fine art to the detriment of his reputation as an inventor, but he it was who supplied parachutes to all in the company. (He should be considered the patron saint of all the boys who make models that actually fly.)

Next to appear was another ancient, whose credentials read: "Herr Karl Meerwein, aged 183, a citizen of Baden, Germany, by profession inspector of public buildings in that city." He was the first to calculate the wing area necessary to sustain a man. He thus could justify the claim that his weight of 196 pounds was not too great for the plane.

Third came Sir George Cayley, a squire of Yorkshire, England, aged 148, whose delight in the successful voyage was heightened by the fact that his belief in curved wings was vindicated—even though the general term airplane is still used.

Another Englishman followed—Sir Hiram Maxim, the inventor of new explosives and machine guns. He once built a multiplane, 104 feet across, with 4,000 square feet of supporting surface and a steam engine of 360 horsepower. It was designed with wheels to run between upper and lower rails so as not to leave the ground too far. But the machine lifted its four tons of weight against the upper rail so strongly that the rail tore away and the machine crashed. Now in a plane hardly one-third as big as his original design, he had made a flight of more than 3,000 miles in perfect comfort.

The next passenger was Nicholas Otto, of Cologne, Germany, inventor of the internal combustion engine. Without his preliminary work this flight, as well as nearly all others, would not have been possible. He solved one of the two problems that prevented commercial flight before the present century—that of a powerful, light-weight engine.

He was followed by another German, Otto Lilienthal, whose numerous flights on a glider with curved surfaces form the basis of our present aerodynamic science. He followed Meerwein in the measurement of the forces involved, but hardly more accurately. He had used what is classified as a hang-glider, in which control was effected by swinging the weight of the body in the proper direction, but was killed when he responded too slowly. He was a great believer in

the monoplane type of construction. The seventh passenger to alight was the first American, Octave Chanute, a Chicago bridge builder, whose knowledge of structures led him to develop the biplane type of construction. In this type each wing helps to brace the other, so that for very large ships his ideas are still followed.

The next two men were Americans, also, Wilber and Orville Wright, of Dayton, Ohio, listed as bicycle makers. They had solved the second great problem of aviation—that of control—by the use of wing-warping. Then their use of levers enabled the pilot to sit comfortably in one place and control his ship with all necessary quickness and delicacy. They had found that the figures reported by Lilienthal were in error, and so in the development of their own became the fathers of the wind tunnel and of experimental aerodynamics.

Two invitations to make the trip had been sent to famous shades who could not be located in time to come. One was merely addressed to "The Unknown who Invented the Aileron"—that hinged flap on the rear edge of a wing that superseded wing warping as a means of lateral control. The other was addressed to "The Englishman Joyce," whose single control lever or "joy" stick is in universal use on all but the largest and heaviest ships.

The last of the dozen worthies was the pilot himself, listed as a professional aviator and air mail pilot. He simply smiled to the excited throng and said, in substance and effect, "Here WE are; my name is Lindbergh. WE all have had a hand in this venture, but I was merely their pilot."

DRAMA

"Condition in Doubt," a one act play by M. J. Connolly, was presented in Manhattan on May 19 and 20. The play had previously been presented at the Horner Institute of Kansas City and had won the first prize in a contest conducted by the Horner Institute. Sergeant Connolly, its author, is an instructor in military science and tactics at the college. Noticeably longer than the average one act play, "Condition in Doubt" holds the interest of the audience during the entire hour of its acting time. The emotional range of the play is that of light comedy—light in the sense of clever lines and amusing situations. The dialogue never lagged and the lines of the various characters seemed in keeping with their personalities.

The cast which presented the play was an able one. John B. Shanahan, as De Rualde, the Spanish ambassador, was excellent in his interpretation of the part. Mr. Shanahan is one of the Orpheum players of Kansas City, and has had prominent parts in such plays as "The Second Mrs. Tanqueray" and played the lead in "The Outsider."

Lucile Wakefield of the Kansas City Little Theatre and the Horner Institute played the part of Mary Tolen with rare versatility. In expression, gesture, and intonation, Mrs. Wakefield revealed the moods of the romantic, yet hard headed and shrewd Mrs. Tolen. Loren Wetzel had the part of Wade Tolen, the husband; and Harrison Toler played the part of Pedro. Both are able and experienced actors.

Frances Patrick, as Inez, the sister of the Spanish ambassador, had an interesting part to which she was well suited, and to which she contributed a charming interpretation. Since its appearance in Manhattan, "Condition in Doubt" has been presented at Ivanhoe Temple, Kansas City.

—R. W. C.

Of the various executive abilities, no one excited more anxious concern than that of placing the interests of our fellow citizens in the hands of honest men with understanding sufficient for their stations. No duty is at the same time more difficult to fulfil. The knowledge of character possessed by a single individual is of necessity limited. To seek out the best through the whole union, we must resort to the information which from the best of men, acting disinterestedly and with the purest motives, is sometimes incorrect.

—Jefferson.

Every one that useth milk is unskillful in the word of righteousness: for he is a babe.

—New Testament.

ALUMNI GROUP ELECTS MRS. BOYD PRESIDENT

WOMAN CHOSEN HEAD OF ASSOCIATION FOR FIRST TIME

Ralph Snyder, Retiring Head, Stresses Rapid Growth of Student Loan Fund and Urges Continued Liberal Support

A gratifying growth in the alumni loan fund, continuance of work with promising high school students, organization of a K. S. A. C. Parents' association, and continuation of the task of keeping up to date the names and addresses of alumni were among the achievements of the college alumni association during the past year as given in the report of Ralph Snyder, '30, president. The report was read at the annual meeting of the alumni association held in recreation center Wednesday, May 28. A total of 125 alumni, representing most of the classes from 1879 to 1930, attended the meeting and approved the report.

Mame (Alexander) Boyd, '02, Phillipsburg, R. J. Barnett, '95, Manhattan, and H. W. Avery, '91, Wakefield, were re-elected for three year terms on the board of directors. Other members of the board are W. E. Grimes, '13, Manhattan; Harry Umberger, '95, Manhattan; E. L. Cottrell, '99, Wabaunsee; C. E. Friend, '88, Lawrence; R. A. Seaton, '04, Manhattan; and Mr. Snyder.

INCREASE ENCOURAGING

Mrs. Boyd was elected president of the association for the coming year at a meeting of the board of directors. R. J. Barnett was chosen vice president, Dean Umberger re-elected secretary, and Doctor Grimes re-elected treasurer.

"Our increase in membership in the past year has been very encouraging, although we were unable to reach our goal of 1,000 annual members," President Snyder said in his report. "There are at present 404 paid up life memberships, an increase of 104 compared with a year ago. We also have a slight increase in our annual memberships, having at this time 667 annual members."

"We also have 417 who are paying or have pledged to pay their life memberships in the near future and the 1930 senior class has pledged about 100 life memberships, making 921 paid or pledged to pay life memberships. The total association membership is 1,588."

"From the report of the treasurer, W. E. Grimes, '13, you will note the largest increase in the alumni loan fund since it was established. A year ago we had \$18,900.02 in the fund, and this year \$26,491.27, an increase of \$7,591.25. We have been unusually fortunate in receiving aid from student organizations. The Sigma Delta Chi fraternity placed a unit of \$150 with us to be loaned to journalism students; the Collegiate 4-H club placed \$1,000 unit to be loaned to college students who have done outstanding 4-H club work; the Cosmopolitan club established a \$700 unit for the aid of foreign students."

DEITZ FOUNDS UNIT

"The class of 1929 placed its class memorial fund of \$649 in the fund to remain there until the chimes are purchased and the class of 1930 has taken action toward leaving its memorial money for the same purpose as the 1929 class. We are also gratified to report that a unit has been established by an alumnus who is present at this meeting today, Albert Deitz, '86."

"These organizations and Mr. Deitz have demonstrated the good will that the many friends of K. S. A. C. have toward our alumni loan fund. We feel that no project can be more worthy than that of aiding in a businesslike way worthy students who want an education such as is offered here. No bequest can be made that will more surely result in a better equipped citizenship of Kansas than a contribution to this fund."

"Perhaps the greatest single achievement of the board of directors during the past year is the fostering of the organization of a parents' association. Temporary officers were elected by more than 100 parents attending a banquet in the college cafeteria Saturday, November 23, 1930. Officers elected are: P. W. Fairbank, Topeka, president; Mrs. F. W. Boyd, Phillipsburg, vice president; Jerry Wilson, Manhattan, secretary; F. W. Seekamp, Mulvane, treasurer; J. C. Grover, Manhattan, executive officer."

"Your board of directors wishes to call your attention to the fact that

our next year is a legislative year and that every effort should be made to obtain favorable appropriations for the college. Every alumnus of K. S. A. C. is urged to keep posted on the needs of the college through THE INDUSTRIALIST and our alumni in Kansas should use their influence by informing members of the legislature regarding these needs and purposes of the various appropriations asked for before the legislature assembles."

BANQUET TELLS GROWTH OF ANIMAL HUSBANDRY

K. S. A. C. Department Was Established in 1905, Though College's Work in Livestock Antedates That

The growth of the Kansas State Agricultural college's department of animal husbandry from nothing to an institution which exerts tremendous influence in Kansas agriculture was retold and relived by cattle feeders' day visitors who stayed over for the banquet May 24, celebrating the twenty-fifth anniversary of the founding of the department.

That period of time from 1886 to date was covered in talks given at the banquet. The earliest period, 1863 to 1905, was reviewed by Dean L. E. Call of the division of agriculture through the use of references to various records of the college. A course in agriculture, called by another name, apparently was offered by the college as early as 1863, and by 1866 two agricultural courses, one elementary and one advanced, were listed in the curriculum.

Equipment of the institution in those days was so meagre as to seem ridiculous to those acquainted with the college today. The ancient "farm machinery" hall, once built as the college "barn" at a cost of \$15,000, was appropriated from the agriculturists of the college by the literary forces, thus making it necessary for a new barn or shed to be constructed at a total cost of less than \$150, and the structure was given most eloquent praise by the director of agricultural work, according to records found by Dean Call.

Animals first owned by the college were not of the blue blooded variety but were more properly classified as just "hogs" or "cattle," as the case may have been. But better years were in store for the college with the founding of a department of animal husbandry in 1905 and the subsequent directorship of it by three capable animal husbandmen. They were R. J. Kinzer, now secretary of the American Hereford Breeders' association, from 1905 to 1912; W. A. Cochel, now editor of the Weekly Kansas City Star, 1912-1918; and Dr. C. W. McCampbell, head of the department since 1918.

Each of the three recalled outstanding events and developments within his period of directorship. The reminiscent character of the banquet program was enhanced at the beginning by a short talk by Dean J. T. Willard, who declined to speak at length on his subject of "Fifty Years on the K. S. A. C. Campus" except to recall that his earliest vision of the college grounds had a road running east and west through a spot now covered by Denison hall, with the north wing of Anderson hall flanking that road on the south.

Dr. J. E. Kammeyer, toastmaster of the occasion, introduced two other out-of-town speakers, Clyde Miller, Topeka, and Dean W. C. Coffey, Minnesota agricultural experimenter. Mr. Miller, viewing the animal husbandry department as a Kansas taxpayer, put the strongest kind of stamp of approval on teaching and research work of the department. He cited instances to show how he had used ideas and practices recommended by the college to improve his business.

From the viewpoint of an outsider, Dean Coffey described the department.

Most impressive of the observations made by him were that an unusually high percentage of the graduates of the department of animal husbandry at K. S. A. C. go back to the land, an impression borne out by facts gathered in a recent survey among graduates, made by order of the federal government.

In describing work of the department of animal husbandry as it is today, Doctor McCampbell presented each member of the department staff, which today numbers 10 as compared to three, when he took charge at the close of the World war.

SUNFLOWERS

H. W. D.

A WICKED LAW

Since it is getting to be the fashion to come right out and speak your mind about laws you don't like, I have decided to break down and confess I strongly favor modification of the law of diminishing returns.

If there ever was a statute aimed at taking the joy out of life, the law of diminishing returns is it. From the time you think you will enjoy a fifth green apple as much as a second until the day you hope a consultation of specialists will comfort you more than the opinion of the family doctor, it operates—and always directly into your midst.

There is more than a little doubt in regard to its constitutionality, too. It acts as a miserable drag upon the pursuit of happiness, which, if I remember my civics, was one of the big reasons this nation of ours got going. And if any state legislature or any individual ever ratified it, no document attesting to the fact has yet been produced.

In brief, the law of diminishing returns proclaims that if you get all you want of anything you don't like it half as well as if you don't, which is the absurdest thing one could imagine. But like most other absurd things, it works like a Swiss watch, and without any especially created enforcement machinery.

One of my earliest encounters with the statute was in connection with trying to sweeten up my life a bit with honey. I must have transgressed rather heavily, for the punishment has not yet run out, and I cannot look honey in the face to this day, much as I like it, without blueing up noticeably under the ears. I was only a child at the time and should have been given a light sentence, if any; but I got a life term, like any hardened fourth offender.

Since then I have been bothered at every turn with the sad truth that enough is too much. In the line of food particularly, the only thing I have never got too much of is spinach, and any amount of spinach is too much, no matter how wholesome it is. But one is always over-indulging in things like watermelon, lollypops, chocolate cake, mint sauce, and oyster stew—things that make life worth the effort.

I am sure the law of diminishing returns operates also in the field of clothing, if there is such a pasture. Being the head of a family, it has been my good fortune to know this only by proxy, but I have spent many weary hours waiting because there was doubt as to whether the blue or the pink or the green one should be worn. And there is a point at which silk stockings that dry in the bathroom tra la have more or less to do with the case.

In the matter of husbands and wives I do not know whether the law gets in its nefarious work. Solomon, so far as well authenticated records go, dropped no hint as to which wife it was that was worth less than she cost, the second or the 699th. Brigham Young was also discreetly silent, and Peggy Hopkins Joyce, living in our advanced stage of civilization and having to divorce one husband before she marries another, has of course had little time to bother with economic law.

I favor finding out what the general sentiment of the nation is in regard to the law of diminishing returns—perhaps taking a poll or something. Of course nothing will come of it, but think of the sputtering we can do.

Deans to Europe

Prof. and Mrs. George A. Dean plan to leave about July 9 for two months in Europe. Professor Dean's official work will take him into England, Scotland, Norway, Sweden, Denmark, Germany, Belgium, and Holland. Mr. and Mrs. Dean also hope they will have time to visit France, Switzerland, and Italy. They will sail from Montreal July 12. In 1911 Professor Dean spent five months in Europe on official work.

The gratitude of most men is but a secret desire of receiving greater benefits.

—La Rochefoucauld.

REUNIONS AND GRADUATION DRAW RECORD ALUMNI GROUP

FORMER AGGIES RETURN FROM ALL PARTS OF THE UNITED STATES
IN GREATER NUMBERS THAN EVER BEFORE TO GREET
FRIENDS AT CLASS MEETINGS

(BY KENNEY L. FORD)

More alumni returned to K. S. A. C. for class reunions and commencement activities this year than ever before. Each event of the week's program was a success. The following is a picture of the happy crowd of alumni who were delighted to return to their campus and register "present" at the alumni office.

From the class of '79, W. H. Sikes, Leonardville, and H. C. Rushmore, Kansas City, Mo., were back. They seldom miss a commencement.

Emma (Knostrman) Huse was the only representative of the '80 reunion class present.

J. T. Willard, K. S. A. C., J. W. Berry, and Jacob Lund, Manhattan, represented the '83s.

The members of the '85 class present for their reunion were: Albert Deitz, Kansas City, Mo.; Cara (Secrest) Hungerford, Manhattan; and Grace (Wonseller) Rude, Great Bend.

Dr. Edward O. Sisson, Portland, Ore., and Major-General James G. Harbord, New York City, class of '86, were present.

J. E. Payne, Manhattan, represented the class of '87.

The reunion class of the '90s was represented by John W. Ijams, Grantville; Schuyler C. Harner, Manhattan; William H. Sanders, K. S. A. C.; Ralph Snyder, Manhattan; Marie (Senn) Heath, Enterprise; and Emil C. Pfuetze, Manhattan. W. H. Sanders entertained his classmates at the Kiwanis club meeting Tuesday evening, May 27.

Louise (Reed) Paddleford, Quenemo; A. A. Gist, Chanute; and W. S. Arbuthnot, Bennington, represented the '91 class.

E. W. Reed, Holton, and Arthur D. Rice, Basehor, of the class of '92, were present.

Maude (Gardiner) Obrecht, Topeka, and C. A. Kimball, Manhattan, represented the class of '93.

Class of '94: J. C. Christensen, Ann Arbor, Mich.; and Winnie (Romick) Chandler, Kansas City, Mo., were present.

Class of '95

BY ADA RICE

The thirty-fifth anniversary of the class of '95 has come and gone and the 22 members who came pronounced it a splendid success.

We established our headquarters in recreation center and the first arrivals acted as a reception committee for the late arrivals. Our great kodak book was the center of attraction at first, and the inserting and labeling of the kodak pictures kept us busy for a time. The hilarity reached its height when Chris Johnson and Fred Smith arrived in the afternoon, and it was with difficulty that the secretary got the group headed for the president's residence to attend the reception given by President and Mrs. Farrell to alumni and seniors.

At 6 o'clock we assembled on the slope east of the auditorium where we posed for a class picture. Then we marched to Thompson hall, where we found tables spread for our class banquet. By this time our numbers had increased to 42, including the in-laws and a few sons and daughters of the class, together with three invited guests, Dean and Mrs. J. T. Willard and Dean Mary Pierce Van Zile. The latest arrivals were Mrs. William H. Phipps and son of Kansas City, who had come at the request of Will Phipps to represent him at our reunion, he being too far away from Kansas to meet with us.

Our delicious repast was interspersed with the singing of college songs, led by Kitty Myrtle Wheeler. At the close of the dinner George A. Dean, the president of the class, introduced E. H. Freeman, professor of engineering at Armour institute, Chicago, to act as toastmaster. Toasts were responded to as follows:

"Looking Backward," Dr. B. F. S. Royer, of Los Angeles;

"Keeping Step," George C. Wheeler, editor of the Western Farmer, Denver;

"Our College," Robert J. Barnett, professor of horticulture, K. S. A. C.;

Response, Dean J. T. Willard on "Probable Causes of Success Among Student Groups Like the Class of '95";

"Our Sons and Daughters," Henrietta Smith Reed, Holton; Our Members-in-law," Chris Johnson, merchant and ranchman of Russell;

"Athletics Then and Now," Clarence Holsinger, extension specialist, Ames, Iowa.

At the close of this program messages were read from each member of the class who had written in response to our request for class letters. After the singing of Alma Mater we adjourned to the auditorium to listen to the remainder of the commencement concert.

On Wednesday we met at 1 o'clock in the afternoon for our business session on the shady slope east of Fairchild hall. The officers who have served since 1920—George Dean, president, and Ada Rice, secretary—were re-elected.

We voted to have all the class letters multigraphed and sent to the members. The intention is to have these inserted in our class book of 1920, "The 95ers Brought to Date."

After a vote of thanks to our secretary and ordering copies of the group picture we adjourned and went in a body to attend the annual business meeting of the alumni association.

At 6 o'clock on Wednesday night we marched behind our class banner into the gymnasium for the annual alumni dinner. Thirty-two of our class group occupied the tables reserved for us. George C. Wheeler represented us at the speakers' table.

Special mention should be made of one unique feature of our reunion. Ernest Smith of Portland, Ore., sent us the wooden scraper which he had "snipped" from the handle of the class spade as it was dangling from Conrad's sleeve, as the two of them marched down the aisle of the old chapel that memorable night 35 years ago. In all of Ernest's wanderings he has preserved this relic. It is now pasted carefully in the kodak book where it may be seen by visiting members.

The following members of the class enjoyed the reunion: Mary (Willard) Emrick, Omaha; Benjamin F. S. Royer, Los Angeles, Calif.; George C. Wheeler and Kitty (Smith) Wheeler, Denver, Colo.; Marietta (Smith) Reed, Holton; George Forsyth, Franklin, Ind.; R. J. Barnett and Flora (Day) Barnett, Manhattan; C. D. Adams, Wauwatosa, Wis.; F. A. Dawley, Manhattan; Olive (Wilson) Holsinger and Clarence V. Holsinger, Ames, Ia.; E. H. Freeman, Wilmette, Ill.; Ada Rice, Manhattan; George A. Dean, Manhattan; Chris A. Johnson, Russell; Laura (McKeen) Smith and Fred J. Smith, Russell; Burton Conrad, Sabetha; Lucy Ellis, Topeka; M. A. Limbocker, Burlington; and O. H. Halstead, Manhattan.

Max G. Spalding, Yates Center, represented the class of '96.

The following '97s were present: Myrtle (Hood) Johnson, Russell; Mabel (Crump) MacAulay, Chicago, Ill.; Ina E. Holroyd, K. S. A. C.; J. E. Tremblay, Council Grove; and B. R. Hull, Manhattan.

The '98s present were: Alice M. Melton, K. S. A. C.; and Cora (Thackeray) Harris, Manhattan.

H. W. Johnston, Manhattan, and E. L. Cottrell, Zeandale, represented the class of '99.

Class of 1900

BY C. M. CORRELL

The thirtieth reunion of the class of 1900 was celebrated by a class luncheon held in the college cafeteria at noon on Wednesday, May 28. George Greene was elected chairman of the group and called the roll of the class. Those present responded by giving brief reports of their activities and achievements since graduation, and especially since our quarter centennial reunion five years ago. Interesting letters were read from 12 classmates who could not be present.

Those present at the luncheon were: Minerva (Blachly) Dean, C. M. Correll, and Laura (Trumbull)

1930-31 Alumni Dues

Your alumni dues for 1930-31 should be paid now. Kindly send check for \$3 to the alumni office. Give complete address for mailing THE INDUSTRIALIST.

Correll, Jennie (Edelblute) Smethurst, Kate (Paddock) Hess, Clara Spilman, and Jessie Wagner, all of Manhattan; C. A. Chandler, Kansas City, Mo.; F. W. Christensen, Fargo, N. D.; G. O. Greene, Paradise; F. B. Morlan, Courtland; Daisy (Hoffman) Johntz, Abilene; L. E. Potter, Roosevelt, Utah; Barton Thompson, Randolph; L. W. Waldraven, Winkler.

Very welcome guests of the class were: George A. Dean, '95; Harry Smethurst; Mrs. C. A. Chandler, '94; Mrs. F. W. Christensen and son, Paul; Mrs. G. O. Greene, Frances Morlan, daughter of F. B. Morlan; Mrs. L. W. Waldraven and son; H. W. Johnston, '99, and Mrs. Johnston, Manhattan; C. A. Scott, '01, and Mrs. Scott, Manhattan; C. J. Burson, '01, Manhattan; and Marie (Senn) Heath, '90, Enterprise.

Letters were read from the following: Elizabeth Agnew, dean of women at the state teachers college of Hays; Elizabeth (Asbury) Derr and Homer Derr, Los Angeles, where Homer is head of the department of biological science in Fremont high school; H. M. Bainer, director of the Southwestern Wheat Improvement association, Kansas City, Mo.; Alberta (Dille) Hulett, Merriam; G. W. Hanson, consulting engineer, Wichita; a telegram from W. F. Lawry, engineer, South Porcupine, Ont.; Roland McKee, division of forage crops, U. S. D. A., Washington, D. C.; A. E. Oman, in charge of rodent control, Dallas, Tex.; Elenore (Perkins) Moody, Fallbrook, Calif.; Cora Swingle, teacher of home economics, College of Industrial Arts, Denton, Tex.; and Kate (Zimmerman) Grigsby, Solvang, Calif.

At the big alumni-senior banquet Wednesday evening the class sat together at a table marked by two large naughts done in yellow and white daisies. Clara Spilman spoke for the class and made a very interesting and snappy talk.

At our class meeting Wednesday noon notice was taken of the death since our last reunion of F. W. Bobbitt and Prudence (Broquet) Bailey.

Plans were informally discussed for a bigger and better reunion in 1935 when it is our hope to have pictures of all members of the class, together with letters or personal reports, so we can prepare a class book of Naughty Naughts, edition of 1935.

Of the class of 1901 Charles J. Burson, Helen (Knostrman) Pratt and Charles A. Scott, all of Manhattan, were on the hill.

Mame (Alexander) Boyd, Phillipsburg, and John F. Ross, Amarillo, Tex., represented the class of '02.

Alice (Worley) Greene, Paradise, was the only member of the '03 class to register.

R. A. Seaton, K. S. A. C.; and C. G. Eling, K. S. A. C., of the '04 class were present.

Class of 1905

BY GRACE UMBERGER

In response to letters sent to every member of the class of 1905 whose addresses were available, 22 answers were received and 19 members were present at the alumni-senior banquet held at Nichols gymnasium Wednesday evening, May 28, making nearly one-half of the class heard from at this reunion.

At a noon "get together" luncheon on alumni day, the letters were read from those who could not be present. It was an interesting revelation.

Those present about the banquet table were the following: Joseph G. Chitty and Dolly Ise Chitty, Irving; Edith (Davis) Aicher, Hays; Lathrop W. Fielding and Crete (Spencer) Fielding, Manhattan; Otto A. Hanson, Marquette; Charles F. Johnson and Katherine (Witt) Johnson, Manhattan; Mildred I. and Nina M. Kirkwood, Marysville; Nellie (McCoy) Cover, Ozawie; Mary (Mudge) Elling, Manhattan; Gertrude Nicholson, K. S. A. C.; Jens Nygard, Vesper; Garfield Shirley, Perry; Claude B. Thummel, Fort Leavenworth; Alonzo F. Turner, K. S. A. C.; William Ljungdahl, Manhattan; Harry Umberger, K. S. A. C.; and Grace Umberger, K. S. A. C.

Frank Balmer, St. Paul, Minn., representing the class at the speak-

ers' table at the banquet, gave a most interesting resume.

The class of '06 was represented by R. D. Harrison, Burden.

L. M. Jorgenson, Manhattan, represented the '07s.

These members of the class of '09 were back: Minnie (Forceman) Parks, Denver, Colo.; Arthur C. Johnson, Marquette; Annie (Harrison) Jorgenson, Manhattan; and V. E. Oman, Leonardville.

Class of 1910

BY C. W. McCAMPBELL

On Tuesday evening, May 27, members of the class of 1910 had an informal get together at the E. H. Dearborn home. Sixty-five persons, including members of the class and their families, attended the class luncheon and business meeting May 28 at the college cafeteria, at which time officers were elected and plans made for another reunion in 1935. The class also had breakfast together at the cafeteria Thursday morning, May 29. There will be a picnic meeting of the '10s living in Kansas the last Sunday in July at Beloit.

Officers of the class are: E. H. Dearborn, Manhattan, president; Carrie (Gates) McClintock, Beloit, vice-president; and L. C. Aicher, Hays, secretary. The '10s have a 10 year tenure of office.

Following are the '10s who were back for their reunion: L. C. Aicher, Hays; Winifred (Alexander) Smies, Courtland; Isabelle (Arnott) Bryant and Virgil C. Bryant, Colusa, Calif.; Ethel (Coffman) Roberts, Morrill; Susan (Davis) Oman, Leonardville; Carrie (Gates) McClintock, Beloit; J. B. Gingery, Muscatine, Ia.; Carrie (Harris) Totten, and H. E. Totten, Clifton; Christine (Heim) Moffit, Lincoln; Emma Irving, Beloit; Mattie Kirk, Pratt; Emma (Lee) Kubin, McPherson; Vergie McCray, Independence, Mo.; Hurd T. Morris, Wilkinsburg, Pa.; A. J. Ostlund, Washington; Hope (Palmer) Baxter, Los Angeles, Calif.; Frank Parks, Denver, Colo.; Robert Platt, Hoopup, Colo.; August W. Seng, Atchison; Will F. Turner, Belton, Mo.; Blanche (Vanderlip) Shelley, McPherson; Jennie Williams, Kansas City; Edna (Willis) Wells, Bartlesville, Okla.; John Wilson, Pawnee, Okla.; Hespera (Hoffman) Mikesell, Fresno, Calif.; Harlan Deaver, Sabetha; E. H. Dearborn and Gladys (Nichols) Dearborn, Ethel (Justin) Marshall, John W. Lumb, Hille Rannels, C. W. McCampbell, and John McClung, Manhattan.

Very interesting letters were received from the following: Minnie (Conner) Hartman, Bloomfield, Ind.; Ella Hathaway, Vancouver, British Columbia; William A. Hopper, Boise, Ida.; Lillian (Lowrence) Michle, New York City; Wilma (Orem) Judy, Mentone, Calif.; William Orr, Canon City, Colo.; Matah (Schaeffer) Morrison, Homewood, Ill.; Fred Schreiner, Memphis, Tenn.; Cora (Trimmer) Parker, Huron, S. D.; Ruth Kellogg, Chicago, Ill.

The '11s present were: H. G. Roots and Pearl (Smith) Roots, Wamego; Ellen M. Batchelor, K. S. A. C.; W. G. Speer and Elsie (Rogler) Speer, Manhattan; and Velma (Myers) Wermelskirchen, Farmington, Ia.

Lucy (Platt) Stants, Blackwell, Okla.; L. C. Williams and Nellie Aberle, Manhattan, represented the class of '12.

Of the '13s W. E. Grimes, K. S. A. C., and Lyda (Stoddard) Turner, Belton, Mo., were present.

Members of the '14 class present were: Blanche (Burt) Yeaton, Manhattan; A. L. Klapp, K. S. A. C.; F. A. Smutz, K. S. A. C.; George H. Rallsback, Manhattan; Mary (Nixon) Linn, Manhattan; C. H. Scholer, K. S. A. C.; and Ethel (Roseberry) Grimes, Manhattan.

Class of 1915

BY JAMES W. LINN

The class of 1915 had its second reunion at the tender age of 15 years on May 28, 1930. In numbers we were not as many as some of the older classes, especially the 20, 25, and 30 year olds.

Probably the most important things that took place as far as our class was concerned was the splendid speech of Charles Shaver, of Salina, at the alumni-senior banquet, and the plans that were made for a reunion of the class in 1935. Everyone is coming back that year, so begin now to save your pennies, nickels, dimes, or dollars, depending on how far away you live, and be with us in 1935.

The '15s present were: Walter F.

Smith, Kansas City; Charles W. Shaver, Salina; and Laura (Falkenrich) Baxter, James W. Linn, Ruth (Aiman) Lovell, and Effie (Carp) Lynch, Manhattan.

Classes Since '15

Nell Flinn, Manhattan; Ada Billings, K. S. A. C.; and Josie M. Griffith, Manhattan, of the '16 class, were present.

William F. Pickett, K. S. A. C., represented the class of '17.

The '18s were represented by Robert Kerr, Jr., Rahway, N. J.; Percy L. DePuy, K. S. A. C.; Comfort (Neale) Copley, Flagstaff, Ariz.; and M. A. Durland, K. S. A. C.

Of the '19s these were present: Alpha Latzke, K. S. A. C.; Mary A. Mason, Lincoln, Neb.; Mary F. Taylor, K. S. A. C.; and Alta S. Hepler, Manhattan.

Earle W. Frost, Kansas City, Mo.; Floyd E. Oakes, State College, N. M.; J. Oscar Brown, Fostoria; and Esther Bruner, K. S. A. C., represented the reunion class of '20.

Members of the class of '21 present were: Conie Foote, K. S. A. C.; Elma (Stewart) Ibsen, Manhattan; Homer J. Henney, K. S. A. C.

Of the class of '22 these were present: Everett H. Willis, Manhattan; C. W. Howard, Holcomb; Evan L. Griffith, Manhattan; Eva (Platt) Brown, Fostoria; and Luella (Sherman) Mortenson, Manhattan.

Hubert L. Collins, Denver, Colo.; J. L. Wilson, Ottawa; and Leona (Thurrow) Hill, Manhattan, represented the class of '23.

The '24s present were: William C. Kerr, Tampa, Fla.; and Randall C. Hill, K. S. A. C.

The following '25s were back for their reunion: Margaret Newcomb, Manhattan; Lois Richardson, Denver, Colo.; Erma Currin, Manhattan; Ruth (Kell) Noble, Manhattan; Eleanor (Dempsey) Griffith, Manhattan; Bertha Hyde, Altoona; Jewell K. Watt, Topeka; Alice Paddleford, Grand Rapids, Mich.; Elnora (Wanamaker) Seaton, Manhattan; and G. M. Reed, Seneca.

Ruth (Long) Dary, Manhattan, and Philip Noble, Manhattan, represented the class of '26.

Helen Greene, Beverly; and Evelyn (Peffley) Griffiths, Manhattan, of the '27 class were present.

The '28s present were: Lucile B. Burt, Manhattan, Myra T. Potter, K. S. A. C.; Frances M. Backstrom, Kansas City, Mo.; and H. E. Myers, Manhattan.

The class of '29 was represented by Harvey S. German, Vivian I. Kirkwood, and John H. Shenk, all of Manhattan.

LOOKING AROUND

KENNEY L. FORD

The alumni-senior banquet Wednesday evening of commencement week was enjoyed by 550 Aggies. The toasts were short, snappy, full of reminiscences and inspiration. It was an evening long to be remembered.

Ralph Snyder, president of the K. S. A. C. Alumni association, acted as toastmaster. He introduced J. S. McBride, '14, Topeka, who led the group singing, and Milton F. Allison, '30, cheer leader. Grace was said by Rev. Arthur D. Rice, '92, Basehor.

The following toasts were given: The Twenty-Fives, Alice Paddleford, '25, Grand Rapids, Mich.; The Twenties, Esther Bruner, '20, Manhattan; Salina Alumni, Charles Shaver, '15, Salina; A Twenty Year Experiment, L. C. Aicher, '10, Hays; Silver, Frank Balmer, '05, St. Paul, Minn.; Naughty Naughts, Clara Spilman, '00, Manhattan; Great Are the '95s, George C. Wheeler, '95, Denver, Colo.; Forty Years Without Slumbering, Emil C. Wheeler, '90, Manhattan; The Kick-off, Albert Deitz, '85, Kansas City, Mo.; Gold, Emma (Knostrman) Huse, '80, Manhattan; Our First Word, Milford J. Kindig, '30, Olathe.

Talks were given by C. M. Harger, Abilene, representing the board of regents, and "Bo" McMillin, football coach at K. S. A. C. Major-General James G. Harbord, '86, New York City, talked briefly. "The Land Grant College Ideal" was the subject of President F. D. Farrell, K. S. A. C.

A mixer and dance in Nichols gymnasium from 9 to 11 o'clock concluded the program.

Every hero becomes a bore at last. —Emerson.

2,000 ATTEND ANNUAL FEEDERS' DAY MEETING

HEAR OF EXPERIMENTS IN CATTLE FATTENING

Farrell Gives Address of Welcome and Dean Coffey Urges Farmers to Keep Abreast of Changes in Agricultural Industry

More than two thousand farmers and others interested in the cattle business attended the eighteenth annual cattle feeders' meeting held at the college May 24 under the auspices of the department of animal husbandry. They came to hear, think, and talk about production of beef and the day's events carried out their plans to a letter.

Results of numerous experiments relative to production of beef were reported by members of the Kansas State Agricultural college animal husbandry department, headed by Dr. C. W. McCampbell. With Jesse C. Harper, Sitka, Kan., presiding, President F. D. Farrell welcomed visitors.

FARRELL POINTS TO CHANGES

He pointed to many changes that have come about in methods of cattle feeding during the 25 years since the department of animal husbandry was established as a separate department. The silo, sudan grass, black-leg control, and changes in methods of finishing cattle for market all have come about in this time, as well as much new information about pasture conservation. The ton litter and the 2,500 pound litter are other developments of agriculture occurring within the last quarter century, President Farrell said.

Dean W. C. Coffey of the University of Minnesota addressed the cattlemen, telling of the contribution of the livestock industry to development of a sound agriculture. A great deal of research work is needed to keep abreast with changing conditions, he declared.

RESULTS OF EXPERIMENTS

Reporting upon experiments made during the last year, Prof. M. A. Alexander described an experiment in feeding corn to three-year-old steers on bluestem pasture. The practice put a high finish and greater gains on the steers but the price paid at the market did not justify the extra expense.

Prof. D. S. Mackintosh summarized studies on the color of beef from steers fattened on bluestem pastures. There is no evidence that they kill out dark or that there is difficulty in ripening the beef which they yield, he said.

Results of other work were presented by Doctor McCampbell and Prof. B. M. Anderson. Where calves are wintered well with a light grain feed, then grazed without grain until August when they were brought into the lots full fed for market, better results were obtained than with calves which had no grain the preceding winter. This method is especially adapted to farms where there is an abundance of roughage and a limited amount of grain produced. It requires well bred calves, gives an opportunity to market them as fleshy feeders at any time during the summer or as well finished light steers in the late fall.

DRY ROUGHAGE UNNECESSARY

A comparison of corn gluten meal, linseed oil meal, and cottonseed meal as supplements to corn results in the greatest average gains, the cheapest cost of gain, and the smallest margin required from the gluten meal, although the linseed meal fed group was valued higher per hundred at the close of the test. A mixture of equal parts of corn gluten meal, linseed meal and cottonseed meal gave better results than a mixture in which any one was omitted. Each of the combinations resulted in satisfactory gains and finish.

Another test showed that it is unnecessary to include dry roughage in a ration where shelled corn, corn silage, and cottonseed meal are used, with ground limestone to supply minerals. A lot fed alfalfa hay for purposes of comparison was not superior in respect to finish nor profits.

An Englishman Visits College

Eric B. Lomax, poultry advisor for R. Silcock and Sons, Ltd., Liverpool, England, and until recently professor at the Harper Adams Agricultural college, National Institute of Poultry Husbandry, Newport, Salop, England, was a visitor at the K. S. A. C. poultry department recently.

Mr. Lomax has been associated

with R. T. Parkhurst, director of the institute who was a former student of Prof. L. F. Payne, K. S. A. C. poultry department head. Mr. and Mrs. Lomax are touring the United States and Canada in the interest of the Silcock Feed company. He reported that the poultry industry of England was organized into numerous committees and that his country is making elaborate preparations for the fourth World's Poultry congress which meets in the Crystal Palace, London, July 22-30.

Manhattan and the college will be represented by 10 or more persons, several of whom will appear on the program.

SENIOR CLASS OF 365 WINS DIPLOMA AWARD (Concluded from page 1)

Milford Jeter Kindig, Olathe; Oliver Glen Lear, Stafford; Eugene Marshall Leary, Lawrence; Charles Porter McClellan, Glen Elder; Merle Lyle Magaw, Concordia; Ray Merlin Mannen, Manhattan; Charles Mantz, Preston; Arnold Alcorn Mast, Abilene; Richard Bruce Mather, Burdett; Paul Arthur Mears, Beloit; Warren Dale Moore, Copeland; Clarence Evan Nutter, Falls City, Neb.; Raymond William O'Hara, Blue Mound; Harry Albert Paulsen, Stafford; Leonard Milton Pike, Goddard; Walter Preston Powers, Netawaka; Galen Stephen Quantic, Riley; Francis James Raleigh, Clyde; Louis Powers Ritz, Belle Plaine; Miner Ray Salmon, Manhattan; Dale Alvord Scheel, Emporia; Frederick Henry Schultis, Sylvan Grove; James Everett Smith, Woodward, Okla.; Samuel Roger Stewart, Vermillion; John Edward Taylor, Manhattan; Merrill Medsger Taylor, Perry; Edgar Arnold Templeton, Eldorado; Joel Allen Terrell, Syracuse; Charles Cheuvront Todd, Auburn; Roy Henderson Trompeter, Horton; Clemens Harry Young, Manhattan.

Doctor of veterinary medicine—Raymond Hilton Alexander, Manhattan; Lyle Holmes Beebe, Manhattan; Edwin Lewis Brower, Manhattan; Joseph Eugene Clair, Manhattan; Dave Miles Colby, Long Island; Theodore Marion DeVries, Orange City, Iowa; Clyde Lowell Guinn, Eldorado; Lewis Greeley Hamilton, South Haven; Ralph William Jackson, Manhattan; Thomas Joy Leasure, Solomon; Thomas Jerome Muxlow, Manhattan; William Alfred Romary, Manhattan; Harry Edwin Skoog, Caldwell; Henry Devore Smith, Manhattan; Eugene Ware Thelless, Hutchinson; Edgerton Lynn Watson, Manhattan.

Bachelor of science in agricultural engineering—Henry John Barre, Tampa; Robert Irving Denny, Harper; Orval French, Geneseo; Howard Orville McManis, South Haven; Elmer Harold Smith, Baldwin; Dale Edward Springer, Garrison; Herbert Norman Stapleton, Jewell; Harold Calvin Stevens, Blue Rapids.

Bachelor of science in architecture—Howard William Baker, Lyndon; Claude Lawrence Barnett, Manhattan; Charles Lewis Brainard, Manhattan; Donna Gayle Duckwalk, Abilene; Thomas Marion Heter, Sterling.

Bachelor of science in architectural engineering—Roland Edgar Adams, Manhattan; Erwin Dean Hollingsworth, Salina; Charles Edward Reeder, Troy; William J. Sweet, Wichita.

Bachelor of science in chemical engineering—Kenneth Charles Anderson, Eskridge; John Robert Coleman, Wichita; Robert James Copeland, Jr., Salina; Edward Joseph Fisher, Leawards; Benjamin Franklin Hartman, Topeka; Kenneth James Latimer, Humboldt; Louis George Wieneke, Sabatha.

Bachelor of science in civil engineering—George Mitchell Allen, Manhattan; Cleo O. Baker, Marysville; Curtis Forgy Clayton, Eldorado; Herman Charles Cowdery, Lyons; John Virgil Faulconer, Eldorado; Rex Leroy Fossnight, Ottawa; Russell Lynn Hartman, Holsington; Russell Walter Hofess, Partridge; Abe B. Livien, Kansas City; Herbert Dale Lott, Minneapolis; Edward Cleland McBurney, Newton; Austin Morgan, Lebo; Ben Elkins Ramsey, Dighton; Ross Alonzo St. John, Morland; Clarence Correll Uhl, Manhattan; George Ruben Vanderpool, Meade.

Bachelor of science in electrical engineering—Byron Edson Atwood, La Cygne; Clarence Dewitt Barber, Iola; William Robert Boggers, Scandia; John Frank Bozick, Frontenac; Elmer Henry Bredehoff, Fairmont, Okla.; Jasper Leland Brubaker, Manhattan; Ralph Ernest Brunk, Kansas City; Lester William Burton, North Topeka; Arlie Lewis Coats, Altoona; William Leslie Criswell, Hysham, Mont.; Paul Woody Davis, McPherson; Walter Raymond Denman, Sedan; Kyle Engler, Burdett; Karl Wheeler Ernest, Topeka; Maurice Benjamin Franklin, Topeka; William Fred Hardman, Frankfort; Robert Bates Heckert, Independence; James Ward Ingraham, Manhattan; J. Harold Karr, Troy; John Harold Kershaw, Garrison; Wayne Kimes, Dodge City; Loren Robert Kirkwood, Manhattan; Clemons Malcolm Kopf, Beverly; Lawrence Nile Lydick, Winfield; Harold Gustav Mangelsdorf, Atchison; Paul Alvin Miller, Parsons; Borden Dean Neiman, Steamboat Springs, Colo.; Gordon Curtis Nonken, Manhattan; Arthur Ehrenhardt Owen, Wichita; Laurel Joseph Owsley, Manhattan; Leslie Ellison Paramore, Delphos; LeRoy Clay Paslay, Manhattan; Ray Charles Paulson, Whitewater; Bruce Robinson Prentice, Clay Center; George LeRoy Quigley, Halstead; John Sword Rhodes, Tampa; Clement Dee Richardson, Hugoton; George Elliott Richardson, Pittsburg; Alton Ryan, Chillicothe, Tex.; Jack Sanders, Minneapolis; Edward Henry Schneider, Kansas City; Charles Arthur Schubert, Centralia; James William Schwanke, Alma; Floyd Howard Smith, Wichita; Edward Paul Smoot, Eureka; Arlo Lester Steele, Manhattan; Irwin LeRoy Stenzel, Marion; Maurice Francis Weckel, Garnett; Stanley Archie White, Lewis.

Bachelor of science in flour mill engineering—Ralph William Freeman, Kirwin; Floyd Nolan Rogers, Smith Center.

Bachelor of science in mechanical engineering—Frank Milton Adair, Frontenac; Vernon Augustus Beck, Topeka; John Thomas Bertotti, Osage City; Max William Coble, Sedgwick; Harley Edward Cole, Manhattan; Gabriel Ernest Drolinger, Manhattan; Benjamin Cecil Headrick, Manhattan; Fred Hederhorst, Stockton; Clabern Oakley Little, Manhattan; Everett Francis Potter, Carthage, Mo.; Simeon Baniaga Rambac,

Solano, P. I.; Robert Henry Russell, Manhattan.

Bachelor of science in home economics—Vivian Dial Abell, Riley; Virginia Mae Anderson, Lincoln; Marie Arbutnot Bennington, Mildred; Marita Baker, Gover; Ethel Besty, Lakin; Gladys Ethel Meyer Benne, Linn; Helen Lee Bentley, Manhattan; Olive Elizabeth Bland, Garden City; Ruth Mary Boyles, Manhattan; Orpha Brown, Edmond; Hazel Eirene Buck, Derby; Dorothy Helen Burnett, Manchester, Okla.; Katherine Elinor Chappell, Manhattan; Beatrice Lorena Charlton, Edwardsville; Frances Rebekah Curtis, Kansas City; Marjorie Hazel Curtis, Manhattan; Neale Dorothy Darrach, McPherson; Bernice Louise Decker, Holton; Irene Jeanette Decker, Robinson; Mary Lucile Dietz, Cawker City; Ethel Chloa Dungan, Independence; Rosamond Aleda Eddy, Havensville; Edna Frances Ehrlich, Marion; Anna Marie Erickson, Clyde; Mildred Mae Fox, Wichita; Louise Charlotte Glick, Garden City; Myrtle Genevieve Gohlke, Holton; Margaret Hamilton Greep, Longford; Eva Maude Guthrie, Woodstock; Minnie Hahn, Inman; Junietta Luella Harbes, Mildred; Elmer H. Harlow, Dresden; Lorea Valentine Hilyard, Manhattan; Anita Mae Holland, Harper; Myrtle Evelyn Horne, Alma; Florence Hazel Hull, Downs; Kathleen Virginia Hulpieu, Dodge City; Mary Jane Isbell, Bennington; Margaret Verneal Johnson, Axtell; Annie Mary Kerr, Manhattan; Ruth Laura Lattimore, Westmoreland; Verna Latzke, Chapman; Eleanor Laughhead, Dodge City; Greta Velma Leece, Formoso; Evelyn Mae Lindsey, Winchester; Louis Lorraine Lortscher, Fairview; Verna Merv Loyd, Hiawatha; Caroline Louise McCarthy, Kansas City; Thelma Fern McClure, Hutchinson; Willa Lois Mantz, Coldwater; Clara Winifred Mather, Centralia; Corinne Fern Maxey, Coats; Mary Evangeline Maxwell, Manhattan; Clara Grace Miller, Colby; Irma Arlee Murphey, Scott City; Winifred Ann Nachtrieb, Atchison; Lois Marie Oberhelman, Barnes; Alice Beatrice Oliphant, Hutchinson; Daisy Marietta Osborn, Elmont; Elsie Emma Rand, Wamego; Mary Louise Banks, Kansas City; Louise Eleanor Reed, Holton; Ruth Roberta Richardson, Manhattan; Mae Marguerite Rooney, Haddam; Flora Helena Ross, Amarillo, Tex.; Dorothy Harriet Rucker, Burdett; Neva Edwina Rush, Severy; Ruby Thelma Scholz, Manhattan; Dorothy Carolyn Schrupp, Cottonwood Falls; Hazel Lindley Scott, Rolla, Mo.; Frances Deane Shewmaker, Chanute; Fern Russell Snyder, Manhattan; Sarah Virginia Van Hook, Topeka; Dorothy Agnes Wagner, Topeka; Ellen Louise Watson, Manhattan; Pearl Louise Wells, Meriden; Frances Lavurn Wentz, Ames; Kathryn Whitten, Wakarusa; Mary Helene Wilson, Council Grove; Lulu Josephine Winter, Ashland.

Bachelor of science in home economics and nursing—Marjorie Sanders, Clay Center.

Bachelor of science—Ross Harris Anderson, Richland; Fern Doris Barr, Manhattan; Gertrude Elizabeth Brookings, Westmoreland; Raymond Delashmitt Caughron, Manhattan; Albert Ross Challans, Newton; Lawrence Victor Clem, Chanute; Clara Farmer Denison, Hazelton; Russell Carl Derbyshire, Omaha, Neb.; Leda Anna Dunton, Lebanon; Geraldine Genevieve Foley, Oroquo; Florence Ann Glenn, Manhattan; Frances Lavone Goheen, Oak Hill; Roy Orval Greep, Longford; Harold Chester Hoffman, Haddam; Muriel Howard Oberlin; Elsie Eustace Irwin, Reno, Nev.; Ernest Frank Jenista, Caldwell; James Foley Johnson, Manhattan; Carol Sanford Kelly, Manhattan; Anne Helen Klassen, Inman; Bessie Adeline Leach, Bird City; Bernice Ethel Loyd, Hiawatha; Elbert Bonebrake Macy, Westston; Claire Arden Matlin, Abilene; James Matson, Miltonvale; Charles Elias Morgan, Hollis; Elizabeth May Painter, Manhattan; William Hackworth Painter, Meade; Frances Lenora Paisley, Manhattan; Mildred Hester Rathbun, Manhattan; Alzina Laverne Reed, Wakefield; Mary Eileen Roberts, Manhattan; William Joseph Schultis, Sylvan Grove; Ralph Lester Scott, Le Loup; Frances Dow Sheldon, Blue Rapids; Ralph Abraham Shenk, Silver Lake; Inez Eva Snyder, Osborne; Helen Stuart, Winchester; Donald McCrete, Telord; Manhattan; Loren Renata Uhrig, St. Marys; Martha Jeanette Verser, Oklahoma City, Okla.; Winifred Wood Warner, Rockford, Ohio.

Bachelor of science in commerce—Garland Martin Atkins, Fort Scott; Hugh Herschel Bruner, Concordia; Saloma Elizabeth Davis, Carthage, Mo.; Everett Ellsworth Fauchier, Osage City; Rodney Dewalt Harrison, Burden; Esther Marie Herman, Abilene; Charles Frank Hirsch, Ellinwood; Eva Burnette Hixon, Wakeney; Roy Frank Johnson, Kansas City; Willis Bertrand Kinnaman, Larned; Mary Frances Maxwell, Manhattan; Govan Mills, Jr., Lake City; James Wilson Pratt, Manhattan; Lawrence Victor Rector, Manhattan; Randle Chester Rolfs, Lorraine; Orville William Thurov, Macksville; Ralph Victor Thurov, Macksville; Delbert Lester Yeakley, Holsington.

Bachelor of science in industrial chemistry—Floyd Alfred Clayton, Eldorado; Galen Lee Fawcett, Wichita; Ralph Trechsel Greep, Longford; William Howard Jobling, Caldwell; George Herman Koelling, Talmage; Dan McLachlan, Jr., Pleasanton; Channing George Myers, Salina.

Bachelor of science in industrial journalism—James Jay Adriance, Manhattan; Bernice Eleanor Bender, Holton; Ruth Rosalie Claeren, Manhattan; Vera Lucille Crawford, Lincoln; Byron William Herrington, Silver Lake; Clarence Paul Howard, Mount Hope; Sara Virginia Jolley, Manhattan; Joseline Dell Keels, Elder; Solon Toothaker Kimball, Manhattan; Reland Estella Lunbeck, Manhattan; Margaret McKinney, Great Bend; Margaret Elizabeth Rankin, Wakefield; William Everett Russell, La Crosse; Gladys Myrtle Schafer, Del Norte, Colo.; Lorna Katherine Schmidler, Marysville; Emily Sheppard Trackrey, Manhattan; William Lowell Treaster, Beloit; John Clarke Watson, Frankfort.

Bachelor of science in physical education—Anna Elizabeth Annan, Beloit; Raymond Andrew Bell, Beverly; Edith Wilma Jennings, Little River; Robert Herald McCollum, Eldorado; Mildred Marie Osborn, Clifton; Mary Bell Read, Manhattan; Grace Editha Reed, Topeka; Raymond Schlatterbeck, Manhattan; Sybella Adelaide Scott, Manhattan; Martha Agnes Smith, Durham; Leone Wilson, Wichita.

Bachelor of music—Dorothy Dean Dale, Coldwater; Janice Irene Fisher, Severy; Laura Zurlida Hart, Overbrook; Helen Marguerite Rust, Manhattan; Gertrude Sheetz, Admire; Elsie Gertrude Wall, Cawker City; Kathryn Louise Wilson, Liberty, Mo.; Homer Yoder, Manhattan.

Master of science—Anna Tessie

Agan, B. S., University of Nebraska, 1927, St. Edward, Neb.; Laura Falkenrich Baxter, B. S., Kansas State Agricultural college, 1912, Manhattan; Carl Alfred Brandly, D. V. M., Kansas State Agricultural college, 1923, Manhattan; Marion Isabel Campbell, B. S., Kansas State Teachers college, Pittsburg, 1924, Manhattan; Samuel David Capper, B. S., Kansas State Agricultural college, 1921, Manhattan; Joanna Seiler Challans, A. B., University of Kansas, 1927, Halstead; Emma Miller Cook, B. S., Kansas State Agricultural college, 1901, Milford; Robert Francis Copple, B. S., Kansas State Agricultural college, 1921, Flagstaff, Ariz.; Emery Jack Coulson, B. S., Kansas State Agricultural college, 1927, Manhattan; Margaret Coventry, A. B., Kansas State Teachers college, Pittsburg, 1913, Pittsburg; Erma Evangeline Currin, B. S., Kansas State Agricultural college, 1925, Manhattan; Loren LeRoy Davis, B. S., Kansas State Agricultural college, 1927, Aberdeen, Ida.; Paul Lawrence Evans, A. B., Baker university, 1916, Baldwin; Adelaide Louise Glaser, B. S., McPherson college, 1927, Ozarkie; Austin Gerald Goth, B. S., University of Nebraska, 1929, Red Cloud, Neb.; George Laurin Graham, A. B., Grand Island college, 1927, Manhattan; Bernice Lucille Harper, A. B., Kalamazoo college, 1929, Vicksburg, Mich.; Otho Jess Hopper, B. S., University of Missouri, 1929, Chillicothe, Mo.; Leo Everett Hudiburg, B. S., Kansas State Teachers college, Pittsburg, 1923, Independence; Louis Mark Jorgenson, B. S., Kansas State Agricultural college, 1907, Fairbury; Samuel Greenberry Jorgenson, B. S., Kansas State Agricultural college, 1929, Manhattan; Harry Llewellyn Kent, B. S., New Mexico Agricultural and Mechanical college, 1929, State College, N. M.; Virgil Fletcher Kent, B. S., Kansas State Agricultural college, 1928, Keats; John Wallace Lumb, D. V. M., Kansas State Agricultural college, 1910, Manhattan; Robert Earl McCormick, B. S., Kansas State Agricultural college, 1929, Oatville; Lora Gertrude Mendenhall, B. S., Kansas State Agricultural college, 1919, Manhattan; Robert Russell Murphy, B. S., Pennsylvania State college, 1929, State College, Pa.; George Oscar Sharp, B. S., Ottawa university, 1929, Pittsburg; Veda Rosella Skillin, B. S., Kansas State Agricultural college, 1928, Frankfort; Julia Lurena Southard, B. S., University of Missouri, 1926, Southard, Mo.; Coit Alfred Suneson, B. S., Montana State college, 1928, Missoula, Mont.; Mary Frances White, B. S., Kansas State Agricultural college, 1928, Manhattan; Harold Arthur Williamson, B. S., Kansas State Teachers college, Emporia, 1928, Manhattan; Verna Beard Winchel, A. B., Friends university, 1924, Salina; Carol Oscar Youngstrom, B. S., Oregon State college, 1928, Culver, Ore.

Professional degrees in engineering—Percival Button Potter, B. S., Kansas State Agricultural college, 1911 and 1916, Blacksburg, Va., in agricultural engineering; Henry Evert Wichers, B. S., Kansas State Agricultural college, 1923, M. S., 1924, Manhattan, in architecture; Ray Adams, B. S., Kansas State Agricultural college, 1927, Jefferson City, Mo., in civil engineering; Frank Thomas Parks, B. S., Kansas State Agricultural college, 1910, Denver, Colo., in civil engineering.

Doctor of science—Edward Octavius Sisson, B. S., Kansas State Agricultural college, 1886; A. B., University of Chicago, 1893; and Ph. D., Harvard university, 1905, Portland, Ore.

Farmers' short course certificates—Adolph Fehrenbach, Ness City; Lawrence Habiger, Bushton; Richard Henry Hens, Linn; Gerald Ray Horton, Madison; Leslie Kary, Americus; Everett Charles Lowry, Logan; Fredrick William Millenbruch, Herkimer; Emil Fredrick Peeks, Marysville; Clyde C. Reed, Kanopolis; Albert Lawrence Reichle, Riley; Vernon Evan Ritz, Cawker City; Homer Glace Rundle, Clay Center; Glen Siegle, Manhattan; Ernest P. Suderman, Hillsboro.

Dairy manufacturing short course—Murray Burke Elliott, Carthage, Mo.; Olga Elliott, Carthage, Mo.; Henry Frank Hazel, Lamar, Colo.; Wilson Perry, Ordway, W. Mo.; George Michael Reddy, Manhattan.

Commissions as second lieutenant, reserve corps—Hugh Richard Abernathy, Manhattan; George Mitchell Allen, Manhattan; Milton Francis Allison, Great Bend; Alex Barneck, Jr., Salina; Ernest Wilson Bennett, Great Bend; Harold Clifford Boley, Topeka; Tony Borecky, Holyrood; Edwin Lewis Brower, Manhattan; Chester Arthur Culham, Junction City; Theodore Marion DeVries, Manhattan; Thomas Marion Evans, Emporia; Leslie Freeman, Kirwin; Roy Jacob Furbeck, Larned; Charlie Gurdon Gates, Kingman; Roy Orval Greep, Longford; Rudolph Trechsel Greep, Longford; Lewis Greeley Hamilton, South Haven; Rodney Dewalt Harrison, Burden; Russell Lynn Hartman, Holsington; Benjamin Cecil Headrick, Manhattan; Orlando Whiting Howe, Stockdale; James Ward Ingraham, Manhattan; Ralph William Jackson, Manhattan; Ernest Frank Jenista, Caldwell; William Howard Jobling, Caldwell; John Harold Kershaw, Garrison; Solon Toothaker Kimball, Manhattan; Leslie R. King, Manhattan; Loren Robert Kirkwood, Manhattan; Clemons Malcolm Kopf, Beverly; Eugene Pepper Lawrence, Eads, Colo.; Eugene Marshall Leary, Lawrence; Clabern Oakley Little, Manhattan; Cecil James Wilson McMullen, Norton; Harold Gustav Mangelsdorf, Atchison; Marion Edgar Miller, Quenemo; Roscoe Townley Nichols, Manhattan; Karl Hamilton Puetze, Manhattan; James Wilson Pratt, Manhattan; George LeRoy Quigley, Halstead; Earl Cranston Richardson, Coffeyville; Ronald Carl Riepe, Kansas City; Ralph Rogers, Madison; Harry Clinton Sawin, Waterville; Charles Arthur Schubert, Centralia; Ralph Abraham Shenk, Silver Lake; Harry Edwin Skoog, Caldwell; Henry Devore Smiley, Manhattan; Herbert Norman Stapleton, Jewell; Arlo Lester Steele, Manhattan; Frederick Walter Toomey, Neodesha; George Ruben Vanderpool, Meade; Edgerton Lynn Watson, Manhattan; James J. Yeager, Bazaar.

Commencement Concert

Members of the senior class and their friends and relatives were guests on May 27 at a commencement concert given by Kathryn Meisle, contralto, with Roy Underwood, pianist. Miss Meisle, a member of the Chicago Civic Opera company, was brought to the campus by the college.

AGRONOMY DAY SERIES BRINGS MANY VISITORS

THREE OF FIELD MEETINGS HAVE BEEN HELD

Kansas Farmers Come to Study Experimental Work First Hand—Take Home Liberal Fund of Crops Information

Kansas farmers whose specialty is production of crops have been receiving a fund of information relative to practically every factor influencing crop production, as they attend one or more of the series of agronomy field days held for them by the Kansas State Agricultural college.

The farmers come to the college agronomy farm on days set aside for them and study the experimental work. Field days have been held for farmers of south central Kansas counties, for those from Saline and Dickinson counties, and those of Riley, Clay, and Pottawatomie counties. The days are arranged so that crops, in which farmers of the various sections are most likely to be interested, will be in ideal condition for study.

ALFALFA IN ROTATION

More than 1,500 different experimental plots are under observation at the K. S. A. C. farm, some of them established nearly 20 years. More than 4,000 varieties of grain are being tested. The experiments, made under the direction of Prof. R. I. Throckmorton, agronomy department head, have placed the Kansas station in an enviable position for such work. Such crops as Kanred wheat, Atlas sorgho, Kanota oats, and Kansas Orange sorghum have been originated or developed by the Kansas station and have contributed immensely to the wealth of Kansas and nearby states.

The agronomists have found that rotations which include alfalfa have been superior to other systems. The effects of alfalfa continue for several years after the sod has been broken. Corn following four years of alfalfa produced 14.6 more bushels per acre than corn grown continuously without any rotation between 1911 and 1929. Wheat in the alfalfa, corn, wheat rotation produced 5.6 more bushels per acre on an average than did wheat grown continuously on similar land during this time.

A rotation of corn, cowpeas, and wheat was better than where continuous cropping was followed, the records show, and even a corn, corn, wheat rotation was better than continuous cropping, but none of them gave nearly the desirable results obtained when alfalfa was inserted into the lineup for a few years. It is this sort of experimental work that visiting farmers are studying, and the beauty of the field day arrangement is that the growing crops stand before the visitors as tangible evidence of the results being reported.

ROTATION HELPS ALFALFA, TOO

The use of barnyard manure has resulted in an increased yield of all crops and has returned a good profit in each system, the agronomy department has found. Value of the crop increase has varied, depending upon the crop to which manure is applied. For instance, applied to land grown continuously to corn it had an average value in crop increase per ton (of manure) of \$1.79. This was between 1911 and 1929.

During the same time it had an average ton value in other cropping systems as follows: corn, cowpeas, wheat, \$1.91; wheat continuously, \$3.13; alfalfa four years, corn, wheat, for 12 years, \$3.17; alfalfa continuously (5 tons per acre), \$3.60; alfalfa continuously (2½ tons per acre), \$4.46.

The experiments show further that yields of alfalfa have been greatly benefited by growing the crops in rotation and by the use of manure and phosphate fertilizers.

The field day schedule is as follows:

FIELD DAY SCHEDULE

June 9—Geary, Morris, and Wabaunsee counties.
June 10—Smith, Jewell, Republic, Marshall, Washington, Nemaha, Mitchell, Cloud, Lincoln, and Ottawa counties.
June 11—Shawnee, Douglas, Johnson, Osage, Franklin, Miami, Coffey, Anderson, Linn, Woodson, Allen, Bourbon, Wilson, Neosho, Crawford, Montgomery, Labette, and Cherokee counties.
June 12—Marion, Chase, Lyon, Butler, Greenwood, Elk, and Chautauqua counties.
June 13—Brown, Doniphan, Jackson, Atchison, Jefferson, Leavenworth, and Wyandotte counties.